

C2. Water Quality Monitoring Quality Assurance and Quality Control Record



CERTIFICATE OF ANALYSIS

<i>Client</i>	: MOTT MACDONALD HONG KONG LIMITED	<i>Laboratory</i>	: ALS Technichem (HK) Pty Ltd	<i>Page</i>	: 1 of 5
<i>Contact</i>	: THOMAS CHAN	<i>Contact</i>	: Richard Fung	<i>Work Order</i>	: HK2507681
<i>Address</i>	: 3/F, MANULIFE PLACE, 348 KWUN TONG ROAD KWUN TONG, KOWLOON, HONG KONG	<i>Address</i>	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
<i>E-mail</i>	: Thomas.Chan@mottmac.com	<i>E-mail</i>	: richard.fung@alsglobal.com		
<i>Telephone</i>	: +852 2828 5967	<i>Telephone</i>	: +852 2610 1044		
<i>Facsimile</i>	: +852 2828 1823	<i>Facsimile</i>	: +852 2610 2021		
<i>Project</i>	: AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM			<i>Date received</i>	: 26-Feb-2025
<i>Order number</i>	: —	<i>Quote number</i>	: HKE/1125/2025	<i>Date of issue</i>	: 07-Mar-2025
<i>C-O-C number</i>	: —			<i>No. of samples</i>	- Received : 38
<i>Site</i>	: TUNG CHUNG				- Analysed : 38

This report shall not be reproduced except in full without the written approval of the laboratory.

Hong Kong Accreditation Service (HKAS) has accredited this laboratory, ALS Technichem (HK) Pty Ltd (Reg. No. HOKLAS 066) under Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS Directory of Accredited Laboratories.

This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory

Position

Authorised results for:

Lin Wai Yu , Iris

Assistant Manager - Inorganics

Inorganics



General Comments

This report supersedes any previous report(s) with the same work order number. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 26-Feb-2025 to 07-Mar-2025.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2507681 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6407367)								
HK2507681-001	C3-ME-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	1.6	1.8	13.3
HK2507681-019	IM3-ME-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.8	3.8	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 6407368)								
HK2507681-033	C3-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	4.4	4.6	3.9
HK2507681-053	IM3-MF-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	1.6	1.2	29.6

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
					Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)		
Method: Compound	CAS Number	LOR	Unit	Result		LCS	DCS	Low	High	Value	Control Limit	
EA/ED: Physical and Aggregate Properties (QCLot: 6407367)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	104	----	85.0	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 6407368)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	90.5	----	85.0	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

Client : MOTT MACDONALD HONG KONG LIMITED
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Facsimile : +852 2828 1823
Project : AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM
Order number : —
C-O-C number : —
Site : TUNG CHUNG

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Richard Fung
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Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : HKE/1125/2025

Page : 1 of 5
Work Order : HK2507959

Date received : 28-Feb-2025
Date of issue : 10-Mar-2025
No. of samples - Received : 36
- Analysed : 36

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This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory

Position

Authorised results for:

Lin Wai Yu, Iris

Assistant Manager - Inorganics

Inorganics



General Comments

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Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2507959 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

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Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6413511)								
HK2507959-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	6.2	6.2	0.0
HK2507959-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	7.5	8.4	10.4
EA/ED: Physical and Aggregate Properties (QC Lot: 6413512)								
HK2507959-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	5.6	4.8	14.0
HK2507959-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	7.4	7.8	6.6

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report							
				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
				Spike		Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 6413511)											
EA025: Suspended Solids (SS)	----	0.5	mg/L	<0.5	20 mg/L	96.0	----	85.0	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 6413512)											
EA025: Suspended Solids (SS)	----	0.5	mg/L	<0.5	20 mg/L	104	----	85.0	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

Client : MOTT MACDONALD HONG KONG LIMITED
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Project : AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM
Order number : —
C-O-C number : —
Site : TUNG CHUNG

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Richard Fung
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E-mail : richard.fung@alsglobal.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : HKE/1125/2025

Page : 1 of 5
Work Order : HK2508073

Date received : 03-Mar-2025
Date of issue : 12-Mar-2025
No. of samples - *Received* : 36
- *Analysed* : 36

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Signatory

Position

Authorised results for:

Lin Wai Yu , Iris

Assistant Manager - Inorganics

Inorganics



General Comments

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Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2508073 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6416449)								
HK2508073-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	8.4	9.1	8.0
HK2508073-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	6.6	6.0	10.7
EA/ED: Physical and Aggregate Properties (QC Lot: 6416450)								
HK2508073-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	16.4	16.4	0.6
HK2508073-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	10.5	10.8	2.6

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
					Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)		
		Method: Compound	CAS Number	LOR		Unit	Result	LCS	DCS	Low	High	Value
EA/ED: Physical and Aggregate Properties (QCLot: 6416449)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	96.0	----	85.0	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 6416450)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	104	----	85.0	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

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Order number : —
C-O-C number : —
Site : TUNG CHUNG

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Richard Fung
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E-mail : richard.fung@alsglobal.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : HKE/1125/2025

Page : 1 of 5
Work Order : HK2508074

Date received : 05-Mar-2025
Date of issue : 13-Mar-2025
No. of samples - *Received* : 36
- *Analysed* : 36

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Signatory

Position

Authorised results for:

Lin Wai Yu , Iris

Assistant Manager - Inorganics

Inorganics



General Comments

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Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2508074 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6422316)								
HK2508074-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	10.2	10.2	0.0
HK2508074-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	12.3	11.7	5.2
EA/ED: Physical and Aggregate Properties (QC Lot: 6422317)								
HK2508074-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	13.5	13.7	1.8
HK2508074-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	14.7	14.4	2.2

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
					Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)		
		Method: Compound	CAS Number	LOR		Unit	Result	LCS	DCS	Low	High	Value
EA/ED: Physical and Aggregate Properties (QCLot: 6422316)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	94.5	----	81.8	117	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 6422317)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	95.0	----	81.8	117	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

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Contact : THOMAS CHAN
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E-mail : Thomas.Chan@mottmac.com
Telephone : +852 2828 5967
Facsimile : +852 2828 1823
Project : AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM
Order number : —
C-O-C number : —
Site : TUNG CHUNG

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Richard Fung
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Wing Yip Street, Kwai Chung, N.T.,
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E-mail : richard.fung@alsglobal.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : HKE/1125/2025

Page : 1 of 5
Work Order : HK2508075

Date received : 07-Mar-2025
Date of issue : 17-Mar-2025
No. of samples - Received : 36
- Analysed : 36

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Signatory

Position

Authorised results for:

Lin Wai Yu , Iris

Assistant Manager - Inorganics

Inorganics



General Comments

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Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2508075 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6425265)								
HK2508075-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	7.9	7.1	10.6
HK2508075-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	4.2	5.0	15.8
EA/ED: Physical and Aggregate Properties (QC Lot: 6425266)								
HK2508075-039	IM2-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	4.6	4.6	0.0
HK2508075-055	C4-ME-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	5.2	5.2	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
					Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)		
		Method: Compound	CAS Number	LOR		Unit	Result	LCS	DCS	Low	High	Value
EA/ED: Physical and Aggregate Properties (QCLot: 6425265)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	106	----	81.8	117	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 6425266)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	107	----	81.8	117	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

<i>Client</i>	: MOTT MACDONALD HONG KONG LIMITED	<i>Laboratory</i>	: ALS Technichem (HK) Pty Ltd	<i>Page</i>	: 1 of 5
<i>Contact</i>	: THOMAS CHAN	<i>Contact</i>	: Richard Fung	<i>Work Order</i>	: HK2508612
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<i>Telephone</i>	: +852 2828 5967	<i>Telephone</i>	: +852 2610 1044	<i>Date received</i>	: 10-Mar-2025
<i>Facsimile</i>	: +852 2828 1823	<i>Facsimile</i>	: +852 2610 2021	<i>Date of issue</i>	: 19-Mar-2025
<i>Project</i>	: AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM			<i>No. of samples</i>	- Received : 36
<i>Order number</i>	: —	<i>Quote number</i>	: HKE/1125/2025		- Analysed : 36
<i>C-O-C number</i>	: —				
<i>Site</i>	: TUNG CHUNG				

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<i>Signatory</i>	<i>Position</i>	<i>Authorised results for:</i>
 Cheng Sin Ying , May	Senior Chemist - Inorganics	Inorganics



General Comments

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Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2508612 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



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Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6430766)								
HK2508612-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	5.2	5.3	2.4
HK2508612-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	5.6	5.3	6.4
EA/ED: Physical and Aggregate Properties (QC Lot: 6430767)								
HK2508612-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	4.6	4.6	0.0
HK2508612-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	7.0	7.4	5.2

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
					Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)		
		Method: Compound	CAS Number	LOR		Unit	Result	LCS	DCS	Low	High	Value
EA/ED: Physical and Aggregate Properties (QCLot: 6430766)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	93.5	----	81.8	117	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 6430767)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	92.0	----	81.8	117	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

Client : MOTT MACDONALD HONG KONG LIMITED
Contact : THOMAS CHAN
Address : 3/F, MANULIFE PLACE, 348 KWUN TONG
ROAD KWUN TONG, KOWLOON, HONG
KONG
E-mail : Thomas.Chan@mottmac.com
Telephone : +852 2828 5967
Facsimile : +852 2828 1823
Project : AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM
Order number : —
C-O-C number : —
Site : TUNG CHUNG

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Richard Fung
Address : 11/F., Chung Shun Knitting Centre, 1 - 3
Wing Yip Street, Kwai Chung, N.T.,
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E-mail : richard.fung@alsglobal.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : HKE/1125/2025

Page : 1 of 5
Work Order : HK2508613

Date received : 12-Mar-2025
Date of issue : 21-Mar-2025
No. of samples - *Received* : 36
- *Analysed* : 36

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Hong Kong Accreditation Service (HKAS) has accredited this laboratory, ALS Technichem (HK) Pty Ltd (Reg. No. HOKLAS 066) under Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS Directory of Accredited Laboratories.

This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory

Position

Authorised results for:

Lin Wai Yu , Iris

Assistant Manager - Inorganics

Inorganics



General Comments

This report supersedes any previous report(s) with the same work order number. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 12-Mar-2025 to 20-Mar-2025.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2508613 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6437331)								
HK2508613-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.7	3.9	3.9
HK2508613-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	2.9	2.8	3.5
EA/ED: Physical and Aggregate Properties (QC Lot: 6437332)								
HK2508613-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.3	3.0	9.4
HK2508613-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	6.8	6.8	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report							
				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
				Spike		Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 6437331)											
EA025: Suspended Solids (SS)	----	0.5	mg/L	<0.5	20 mg/L	95.0	----	81.8	117	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 6437332)											
EA025: Suspended Solids (SS)	----	0.5	mg/L	<0.5	20 mg/L	99.5	----	81.8	117	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

Client : MOTT MACDONALD HONG KONG LIMITED
Contact : THOMAS CHAN
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Telephone : +852 2828 5967
Facsimile : +852 2828 1823
Project : AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM
Order number : —
C-O-C number : —
Site : TUNG CHUNG

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Richard Fung
Address : 11/F., Chung Shun Knitting Centre, 1 - 3
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E-mail : richard.fung@alsglobal.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : HKE/1125/2025

Page : 1 of 5
Work Order : HK2508615

Date received : 14-Mar-2025
Date of issue : 25-Mar-2025
No. of samples - Received : 36
- Analysed : 36

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Hong Kong Accreditation Service (HKAS) has accredited this laboratory, ALS Technichem (HK) Pty Ltd (Reg. No. HOKLAS 066) under Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS Directory of Accredited Laboratories.

This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory

Position

Authorised results for:

Lin Wai Yu , Iris

Assistant Manager - Inorganics

Inorganics



General Comments

This report supersedes any previous report(s) with the same work order number. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 14-Mar-2025 to 25-Mar-2025.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2508615 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6444491)								
HK2508615-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	5.4	5.6	3.2
HK2508615-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	5.6	5.6	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 6444492)								
HK2508615-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	11.7	11.4	2.6
HK2508615-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	5.0	5.2	3.4

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
					Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)		
		Method: Compound	CAS Number	LOR		Unit	Result	LCS	DCS	Low	High	Value
EA/ED: Physical and Aggregate Properties (QCLot: 6444491)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	92.0	----	81.8	117	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 6444492)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	107	----	81.8	117	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

<i>Client</i>	: MOTT MACDONALD HONG KONG LIMITED	<i>Laboratory</i>	: ALS Technichem (HK) Pty Ltd	<i>Page</i>	: 1 of 5
<i>Contact</i>	: THOMAS CHAN	<i>Contact</i>	: Richard Fung	<i>Work Order</i>	: HK2509822
<i>Address</i>	: 3/F, MANULIFE PLACE, 348 KWUN TONG ROAD KWUN TONG, KOWLOON, HONG KONG	<i>Address</i>	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
<i>E-mail</i>	: Thomas.Chan@mottmac.com	<i>E-mail</i>	: richard.fung@alsglobal.com		
<i>Telephone</i>	: +852 2828 5967	<i>Telephone</i>	: +852 2610 1044		
<i>Facsimile</i>	: +852 2828 1823	<i>Facsimile</i>	: +852 2610 2021		
<i>Project</i>	: AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM			<i>Date received</i>	: 17-Mar-2025
<i>Order number</i>	: —	<i>Quote number</i>	: HKE/1125/2025	<i>Date of issue</i>	: 25-Mar-2025
<i>C-O-C number</i>	: —			<i>No. of samples</i>	- Received : 36
<i>Site</i>	: TUNG CHUNG				- Analysed : 36

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Hong Kong Accreditation Service (HKAS) has accredited this laboratory, ALS Technichem (HK) Pty Ltd (Reg. No. HOKLAS 066) under Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS Directory of Accredited Laboratories.

This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory

Position

Authorised results for:

Lin Wai Yu , Iris

Assistant Manager - Inorganics

Inorganics



General Comments

This report supersedes any previous report(s) with the same work order number. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 17-Mar-2025 to 25-Mar-2025.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2509822 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6447100)								
HK2509822-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	7.8	6.9	13.2
HK2509822-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	6.9	7.4	6.7
EA/ED: Physical and Aggregate Properties (QC Lot: 6447101)								
HK2509822-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	5.9	5.8	0.0
HK2509822-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	7.8	7.0	10.5

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound		CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)
							LCS	DCS	Low	High	Value
EA/ED: Physical and Aggregate Properties (QCLot: 6447100)											
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	94.5	----	81.8	117	----
EA/ED: Physical and Aggregate Properties (QCLot: 6447101)											
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	96.0	----	81.8	117	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

Client : MOTT MACDONALD HONG KONG LIMITED
Contact : THOMAS CHAN
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ROAD KWUN TONG, KOWLOON, HONG
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E-mail : Thomas.Chan@mottmac.com
Telephone : +852 2828 5967
Facsimile : +852 2828 1823
Project : AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM
Order number : —
C-O-C number : —
Site : TUNG CHUNG

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Richard Fung
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E-mail : richard.fung@alsglobal.com
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Facsimile : +852 2610 2021
Quote number : HKE/1125/2025

Page : 1 of 5
Work Order : HK2509823

Date received : 19-Mar-2025
Date of issue : 26-Mar-2025
No. of samples - Received : 36
- Analysed : 36

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Hong Kong Accreditation Service (HKAS) has accredited this laboratory, ALS Technichem (HK) Pty Ltd (Reg. No. HOKLAS 066) under Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS Directory of Accredited Laboratories.

This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory

Position

Authorised results for:

Lin Wai Yu , Iris

Assistant Manager - Inorganics

Inorganics



General Comments

This report supersedes any previous report(s) with the same work order number. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 19-Mar-2025 to 26-Mar-2025.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2509823 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6454113)								
HK2509823-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	5.9	6.2	4.6
HK2509823-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	5.1	5.1	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 6454114)								
HK2509823-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	5.2	4.8	8.0
HK2509823-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	4.5	4.0	11.7

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound		CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)
							LCS	DCS	Low	High	Value
EA/ED: Physical and Aggregate Properties (QCLot: 6454113)											
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	104	----	81.8	117	----
EA/ED: Physical and Aggregate Properties (QCLot: 6454114)											
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	106	----	81.8	117	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

Client : MOTT MACDONALD HONG KONG LIMITED
Contact : THOMAS CHAN
Address : 3/F, MANULIFE PLACE, 348 KWUN TONG
ROAD KWUN TONG, KOWLOON, HONG
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Telephone : +852 2828 5967
Facsimile : +852 2828 1823
Project : AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM
Order number : —
C-O-C number : —
Site : TUNG CHUNG

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Richard Fung
Address : 11/F., Chung Shun Knitting Centre, 1 - 3
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E-mail : richard.fung@alsglobal.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : HKE/1125/2025

Page : 1 of 5
Work Order : HK2509824

Date received : 21-Mar-2025
Date of issue : 01-Apr-2025
No. of samples - *Received* : 36
- *Analysed* : 36

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Hong Kong Accreditation Service (HKAS) has accredited this laboratory, ALS Technichem (HK) Pty Ltd (Reg. No. HOKLAS 066) under Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS Directory of Accredited Laboratories.

This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory

Position

Authorised results for:

Lin Wai Yu , Iris

Assistant Manager - Inorganics

Inorganics



General Comments

This report supersedes any previous report(s) with the same work order number. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 21-Mar-2025 to 31-Mar-2025.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2509824 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6457921)								
HK2509824-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	2.0	2.1	4.9
HK2509824-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	2.3	2.9	23.3
EA/ED: Physical and Aggregate Properties (QC Lot: 6457922)								
HK2509824-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.4	4.3	21.4
HK2509824-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	2.2	2.7	18.4

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report							
				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
				Spike		Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 6457921)											
EA025: Suspended Solids (SS)	----	0.5	mg/L	<0.5	20 mg/L	110	----	81.8	117	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 6457922)											
EA025: Suspended Solids (SS)	----	0.5	mg/L	<0.5	20 mg/L	102	----	81.8	117	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

<i>Client</i>	: MOTT MACDONALD HONG KONG LIMITED	<i>Laboratory</i>	: ALS Technichem (HK) Pty Ltd	<i>Page</i>	: 1 of 5
<i>Contact</i>	: THOMAS CHAN	<i>Contact</i>	: Richard Fung	<i>Work Order</i>	: HK2509825
<i>Address</i>	: 3/F, MANULIFE PLACE, 348 KWUN TONG ROAD KWUN TONG, KOWLOON, HONG KONG	<i>Address</i>	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
<i>E-mail</i>	: Thomas.Chan@mottmac.com	<i>E-mail</i>	: richard.fung@alsglobal.com		
<i>Telephone</i>	: +852 2828 5967	<i>Telephone</i>	: +852 2610 1044	<i>Date received</i>	: 24-Mar-2025
<i>Facsimile</i>	: +852 2828 1823	<i>Facsimile</i>	: +852 2610 2021	<i>Date of issue</i>	: 01-Apr-2025
<i>Project</i>	: AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM			<i>No. of samples</i>	- Received : 36
<i>Order number</i>	: —	<i>Quote number</i>	: HKE/1125/2025		- Analysed : 36
<i>C-O-C number</i>	: —				
<i>Site</i>	: TUNG CHUNG				

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Hong Kong Accreditation Service (HKAS) has accredited this laboratory, ALS Technichem (HK) Pty Ltd (Reg. No. HOKLAS 066) under Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS Directory of Accredited Laboratories.

This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory

Position

Authorised results for:

Lin Wai Yu , Iris

Assistant Manager - Inorganics

Inorganics



General Comments

This report supersedes any previous report(s) with the same work order number. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 24-Mar-2025 to 01-Apr-2025.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2509825 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6464206)								
HK2509825-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	1.1	1.3	16.3
HK2509825-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	1.0	1.1	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 6464207)								
HK2509825-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	2.1	1.9	10.1
HK2509825-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	1.8	2.0	14.6

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
					Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)		
Method: Compound	CAS Number	LOR	Unit	Result		LCS	DCS	Low	High	Value	Control Limit	
EA/ED: Physical and Aggregate Properties (QCLot: 6464206)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	94.0	----	81.8	117	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 6464207)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	102	----	81.8	117	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

Client : MOTT MACDONALD HONG KONG LIMITED
Contact : THOMAS CHAN
Address : 3/F, MANULIFE PLACE, 348 KWUN TONG
ROAD KWUN TONG, KOWLOON, HONG
KONG
E-mail : Thomas.Chan@mottmac.com
Telephone : +852 2828 5967
Facsimile : +852 2828 1823
Project : AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM
Order number : —
C-O-C number : —
Site : TUNG CHUNG

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Richard Fung
Address : 11/F., Chung Shun Knitting Centre, 1 - 3
Wing Yip Street, Kwai Chung, N.T.,
Hong Kong
E-mail : richard.fung@alsglobal.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : HKE/1125/2025

Page : 1 of 5
Work Order : **HK2521054**

Date received : 02-Jun-2025
Date of issue : 11-Jun-2025
No. of samples - *Received* : 36
- *Analysed* : 36

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This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory

Position

Authorised results for:

Lin Wai Yu , Iris

Assistant Manager - Inorganics

Inorganics



General Comments

This report supersedes any previous report(s) with the same work order number. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 02-Jun-2025 to 10-Jun-2025.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2521054 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6622567)								
HK2521054-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	2.5	2.4	0.0
HK2521054-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	1.6	1.8	14.5
EA/ED: Physical and Aggregate Properties (QC Lot: 6622568)								
HK2521054-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	1.6	1.8	12.1
HK2521054-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	1.9	1.9	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound		CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)
							LCS	DCS	Low	High	Value
EA/ED: Physical and Aggregate Properties (QCLot: 6622567)											
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	94.5	----	81.8	117	----
EA/ED: Physical and Aggregate Properties (QCLot: 6622568)											
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	97.5	----	81.8	117	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

<i>Client</i>	: MOTT MACDONALD HONG KONG LIMITED	<i>Laboratory</i>	: ALS Technichem (HK) Pty Ltd	<i>Page</i>	: 1 of 5
<i>Contact</i>	: THOMAS CHAN	<i>Contact</i>	: Richard Fung	<i>Work Order</i>	: HK2521055
<i>Address</i>	: 3/F, MANULIFE PLACE, 348 KWUN TONG ROAD KWUN TONG, KOWLOON, HONG KONG	<i>Address</i>	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
<i>E-mail</i>	: Thomas.Chan@mottmac.com	<i>E-mail</i>	: richard.fung@alsglobal.com		
<i>Telephone</i>	: +852 2828 5967	<i>Telephone</i>	: +852 2610 1044	<i>Date received</i>	: 04-Jun-2025
<i>Facsimile</i>	: +852 2828 1823	<i>Facsimile</i>	: +852 2610 2021	<i>Date of issue</i>	: 12-Jun-2025
<i>Project</i>	: AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM			<i>No. of samples</i>	- Received : 36
<i>Order number</i>	: —	<i>Quote number</i>	: HKE/1125/2025		- Analysed : 36
<i>C-O-C number</i>	: —				
<i>Site</i>	: TUNG CHUNG				

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This document has been signed by those names that appear on this report and are the authorised signatories.

<i>Signatory</i>	<i>Position</i>	<i>Authorised results for:</i>
 Lin Wai Yu , Iris	Assistant Manager - Inorganics	Inorganics



General Comments

This report supersedes any previous report(s) with the same work order number. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 04-Jun-2025 to 12-Jun-2025.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2521055 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6633549)								
HK2521055-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	1.9	2.3	19.0
HK2521055-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	6.7	7.2	6.1
EA/ED: Physical and Aggregate Properties (QC Lot: 6633550)								
HK2521055-040	IM2-MF-M-2	EA025: Suspended Solids (SS)	----	0.5	mg/L	2.0	2.4	17.1
HK2521055-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	2.9	2.3	22.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
					Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)		
		Method: Compound	CAS Number	LOR		Unit	Result	LCS	DCS	Low	High	Value
EA/ED: Physical and Aggregate Properties (QCLot: 6633549)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	109	----	81.8	117	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 6633550)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	99.5	----	81.8	117	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

Client : MOTT MACDONALD HONG KONG LIMITED
Contact : THOMAS CHAN
Address : 3/F, MANULIFE PLACE, 348 KWUN TONG
ROAD KWUN TONG, KOWLOON, HONG
KONG
E-mail : Thomas.Chan@mottmac.com
Telephone : +852 2828 5967
Facsimile : +852 2828 1823
Project : AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM
Order number : —
C-O-C number : —
Site : TUNG CHUNG

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Richard Fung
Address : 11/F., Chung Shun Knitting Centre, 1 - 3
Wing Yip Street, Kwai Chung, N.T.,
Hong Kong
E-mail : richard.fung@alsglobal.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : HKE/1125/2025

Page : 1 of 5
Work Order : HK2521056

Date received : 06-Jun-2025
Date of issue : 17-Jun-2025
No. of samples - *Received* : 36
- *Analysed* : 36

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This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory

Position

Authorised results for:

Lin Wai Yu , Iris

Assistant Manager - Inorganics

Inorganics



General Comments

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Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2521056 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6635575)								
HK2521056-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.8	4.3	13.6
HK2521056-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.8	3.6	6.1
EA/ED: Physical and Aggregate Properties (QC Lot: 6635576)								
HK2521056-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	1.1	<1.0	11.8
HK2521056-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	<1.0	<1.0	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound		CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)
							LCS	DCS	Low	High	Value
EA/ED: Physical and Aggregate Properties (QCLot: 6635575)											
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	98.0	----	81.8	117	----
EA/ED: Physical and Aggregate Properties (QCLot: 6635576)											
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	110	----	81.8	117	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

<i>Client</i>	: MOTT MACDONALD HONG KONG LIMITED	<i>Laboratory</i>	: ALS Technichem (HK) Pty Ltd	<i>Page</i>	: 1 of 5
<i>Contact</i>	: THOMAS CHAN	<i>Contact</i>	: Richard Fung	<i>Work Order</i>	: HK2522892
<i>Address</i>	: 3/F, MANULIFE PLACE, 348 KWUN TONG ROAD KWUN TONG, KOWLOON, HONG KONG	<i>Address</i>	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
<i>E-mail</i>	: Thomas.Chan@mottmac.com	<i>E-mail</i>	: richard.fung@alsglobal.com		
<i>Telephone</i>	: +852 2828 5967	<i>Telephone</i>	: +852 2610 1044		
<i>Facsimile</i>	: +852 2828 1823	<i>Facsimile</i>	: +852 2610 2021		
<i>Project</i>	: AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM			<i>Date received</i>	: 16-Jun-2025
<i>Order number</i>	: —	<i>Quote number</i>	: HKE/1125/2025	<i>Date of issue</i>	: 25-Jun-2025
<i>C-O-C number</i>	: —			<i>No. of samples</i>	- Received : 36
<i>Site</i>	: TUNG CHUNG				- Analysed : 36

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This document has been signed by those names that appear on this report and are the authorised signatories.

<i>Signatory</i>	<i>Position</i>	<i>Authorised results for:</i>
 Cheng Sin Ying , May	Senior Chemist - Inorganics	Inorganics



General Comments

This report supersedes any previous report(s) with the same work order number. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 16-Jun-2025 to 24-Jun-2025.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2522892 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6656177)								
HK2522892-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	2.9	3.0	5.0
HK2522892-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.3	3.6	7.3
EA/ED: Physical and Aggregate Properties (QC Lot: 6656178)								
HK2522892-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	2.6	3.0	14.3
HK2522892-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.4	3.4	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
					Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)		
		Method: Compound	CAS Number	LOR		Unit	Result	LCS	DCS	Low	High	Value
EA/ED: Physical and Aggregate Properties (QCLot: 6656177)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	101	----	81.8	117	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 6656178)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	106	----	81.8	117	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

<i>Client</i>	: MOTT MACDONALD HONG KONG LIMITED	<i>Laboratory</i>	: ALS Technichem (HK) Pty Ltd	<i>Page</i>	: 1 of 5
<i>Contact</i>	: THOMAS CHAN	<i>Contact</i>	: Richard Fung	<i>Work Order</i>	: HK2523316
<i>Address</i>	: 3/F, MANULIFE PLACE, 348 KWUN TONG ROAD KWUN TONG, KOWLOON, HONG KONG	<i>Address</i>	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
<i>E-mail</i>	: Thomas.Chan@mottmac.com	<i>E-mail</i>	: richard.fung@alsglobal.com		
<i>Telephone</i>	: +852 2828 5967	<i>Telephone</i>	: +852 2610 1044		
<i>Facsimile</i>	: +852 2828 1823	<i>Facsimile</i>	: +852 2610 2021		
<i>Project</i>	: AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM			<i>Date received</i>	: 09-Jun-2025
<i>Order number</i>	: —	<i>Quote number</i>	: HKE/1125/2025	<i>Date of issue</i>	: 18-Jun-2025
<i>C-O-C number</i>	: —			<i>No. of samples</i>	- Received : 36
<i>Site</i>	: TUNG CHUNG				- Analysed : 36

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This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory

Position

Authorised results for:

Lin Wai Yu , Iris

Assistant Manager - Inorganics

Inorganics



General Comments

This report supersedes any previous report(s) with the same work order number. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 09-Jun-2025 to 18-Jun-2025.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2523316 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6638691)								
HK2523316-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	1.8	2.4	31.0
HK2523316-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	1.4	1.6	12.9
EA/ED: Physical and Aggregate Properties (QC Lot: 6638692)								
HK2523316-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	1.7	1.8	8.6
HK2523316-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	2.0	2.3	14.1

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound		CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)
							LCS	DCS	Low	High	Value
EA/ED: Physical and Aggregate Properties (QCLot: 6638691)											
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	99.0	----	81.8	117	----
EA/ED: Physical and Aggregate Properties (QCLot: 6638692)											
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	94.0	----	81.8	117	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

Client : MOTT MACDONALD HONG KONG LIMITED
Contact : THOMAS CHAN
Address : 3/F, MANULIFE PLACE, 348 KWUN TONG
ROAD KWUN TONG, KOWLOON, HONG
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E-mail : Thomas.Chan@mottmac.com
Telephone : +852 2828 5967
Facsimile : +852 2828 1823
Project : AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM
Order number : —
C-O-C number : —
Site : TUNG CHUNG

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Richard Fung
Address : 11/F., Chung Shun Knitting Centre, 1 - 3
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Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : HKE/1125/2025

Page : 1 of 5
Work Order : HK2523330

Date received : 18-Jun-2025
Date of issue : 28-Jun-2025
No. of samples - **Received** : 36
- **Analysed** : 36

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This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory

Position

Authorised results for:

Cheng Sin Ying , May

Senior Chemist - Inorganics

Inorganics



General Comments

This report supersedes any previous report(s) with the same work order number. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 18-Jun-2025 to 28-Jun-2025.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2523330 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6662807)								
HK2523330-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	4.5	4.4	3.9
HK2523330-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	4.4	4.6	2.2
EA/ED: Physical and Aggregate Properties (QC Lot: 6662808)								
HK2523330-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.9	3.9	0.0
HK2523330-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.8	3.5	7.6

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report							
				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
				Spike		Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 6662807)											
EA025: Suspended Solids (SS)	----	0.5	mg/L	<0.5	20 mg/L	89.0	----	81.8	117	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 6662808)											
EA025: Suspended Solids (SS)	----	0.5	mg/L	<0.5	20 mg/L	102	----	81.8	117	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

Client : MOTT MACDONALD HONG KONG LIMITED
Contact : THOMAS CHAN
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Project : AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM
Order number : —
C-O-C number : —
Site : TUNG CHUNG

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Richard Fung
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E-mail : richard.fung@alsglobal.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : HKE/1125/2025

Page : 1 of 5
Work Order : HK2523332

Date received : 20-Jun-2025
Date of issue : 02-Jul-2025
No. of samples - Received : 36
- Analysed : 36

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Hong Kong Accreditation Service (HKAS) has accredited this laboratory, ALS Technichem (HK) Pty Ltd (Reg. No. HOKLAS 066) under Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS Directory of Accredited Laboratories.

This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory

Position

Authorised results for:

Cheng Sin Ying , May

Senior Chemist - Inorganics

Inorganics



General Comments

This report supersedes any previous report(s) with the same work order number. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 20-Jun-2025 to 02-Jul-2025.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2523332 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6670122)								
HK2523332-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.4	3.2	6.9
HK2523332-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.3	3.3	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 6670123)								
HK2523332-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.2	3.0	7.3
HK2523332-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.8	3.6	7.4

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report							
				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
				Spike		Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 6670122)											
EA025: Suspended Solids (SS)	----	0.5	mg/L	<0.5	20 mg/L	91.5	----	81.8	117	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 6670123)											
EA025: Suspended Solids (SS)	----	0.5	mg/L	<0.5	20 mg/L	105	----	81.8	117	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

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Project : AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM
Order number : —
C-O-C number : —
Site : TUNG CHUNG

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Richard Fung
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E-mail : richard.fung@alsglobal.com
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Facsimile : +852 2610 2021
Quote number : HKE/1125/2025

Page : 1 of 5
Work Order : HK2523334

Date received : 23-Jun-2025
Date of issue : 03-Jul-2025
No. of samples - *Received* : 36
- *Analysed* : 36

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This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory

Position

Authorised results for:

Cheng Sin Ying , May

Senior Chemist - Inorganics

Inorganics



General Comments

This report supersedes any previous report(s) with the same work order number. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 23-Jun-2025 to 03-Jul-2025.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2523334 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6673363)								
HK2523334-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.5	3.8	10.2
HK2523334-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	4.2	3.9	6.2
EA/ED: Physical and Aggregate Properties (QC Lot: 6673364)								
HK2523334-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.6	3.5	0.0
HK2523334-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.5	3.4	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report							
				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
				Spike		Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 6673363)											
EA025: Suspended Solids (SS)	----	0.5	mg/L	<0.5	20 mg/L	95.0	----	81.8	117	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 6673364)											
EA025: Suspended Solids (SS)	----	0.5	mg/L	<0.5	20 mg/L	96.5	----	81.8	117	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

Client : MOTT MACDONALD HONG KONG LIMITED
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Facsimile : +852 2828 1823
Project : AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM
Order number : —
C-O-C number : —
Site : TUNG CHUNG

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Richard Fung
Address : 11/F., Chung Shun Knitting Centre, 1 - 3
Wing Yip Street, Kwai Chung, N.T.,
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E-mail : richard.fung@alsglobal.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : HKE/1125/2025

Page : 1 of 5
Work Order : HK2524856

Date received : 25-Jun-2025
Date of issue : 07-Jul-2025
No. of samples - Received : 36
- Analysed : 36

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Hong Kong Accreditation Service (HKAS) has accredited this laboratory, ALS Technichem (HK) Pty Ltd (Reg. No. HOKLAS 066) under Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS Directory of Accredited Laboratories.

This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory

Position

Authorised results for:

Lin Wai Yu , Iris

Assistant Manager - Inorganics

Inorganics



General Comments

This report supersedes any previous report(s) with the same work order number. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 25-Jun-2025 to 07-Jul-2025.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2524856 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6685854)								
HK2524856-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	4.1	3.8	8.2
HK2524856-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	4.7	5.3	11.5
EA/ED: Physical and Aggregate Properties (QC Lot: 6685855)								
HK2524856-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.2	3.5	7.5
HK2524856-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	4.0	4.0	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
					Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)		
		Method: Compound	CAS Number	LOR		Unit	Result	LCS	DCS	Low	High	Value
EA/ED: Physical and Aggregate Properties (QCLot: 6685854)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	89.0	----	81.8	117	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 6685855)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	93.5	----	81.8	117	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

<i>Client</i>	: MOTT MACDONALD HONG KONG LIMITED	<i>Laboratory</i>	: ALS Technichem (HK) Pty Ltd	<i>Page</i>	: 1 of 5
<i>Contact</i>	: THOMAS CHAN	<i>Contact</i>	: Richard Fung	<i>Work Order</i>	: HK2524858
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<i>E-mail</i>	: Thomas.Chan@mottmac.com	<i>E-mail</i>	: richard.fung@alsglobal.com		
<i>Telephone</i>	: +852 2828 5967	<i>Telephone</i>	: +852 2610 1044		
<i>Facsimile</i>	: +852 2828 1823	<i>Facsimile</i>	: +852 2610 2021		
<i>Project</i>	: AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM			<i>Date received</i>	: 27-Jun-2025
<i>Order number</i>	: —	<i>Quote number</i>	: HKE/1125/2025	<i>Date of issue</i>	: 09-Jul-2025
<i>C-O-C number</i>	: —			<i>No. of samples</i>	- Received : 36
<i>Site</i>	: TUNG CHUNG				- Analysed : 36

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This document has been signed by those names that appear on this report and are the authorised signatories.

<i>Signatory</i>	<i>Position</i>	<i>Authorised results for:</i>
 Cheng Sin Ying , May	Senior Chemist - Inorganics	Inorganics



General Comments

This report supersedes any previous report(s) with the same work order number. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 27-Jun-2025 to 08-Jul-2025.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2524858 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6684338)								
HK2524858-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.3	3.2	3.9
HK2524858-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.9	3.7	5.9
EA/ED: Physical and Aggregate Properties (QC Lot: 6684339)								
HK2524858-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	3.8	3.6	4.0
HK2524858-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	2.9	2.8	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report							
				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
				Spike		Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 6684338)											
EA025: Suspended Solids (SS)	----	0.5	mg/L	<0.5	20 mg/L	93.0	----	81.8	117	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 6684339)											
EA025: Suspended Solids (SS)	----	0.5	mg/L	<0.5	20 mg/L	107	----	81.8	117	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

<i>Client</i>	: MOTT MACDONALD HONG KONG LIMITED	<i>Laboratory</i>	: ALS Technichem (HK) Pty Ltd	<i>Page</i>	: 1 of 5
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<i>Facsimile</i>	: +852 2828 1823	<i>Facsimile</i>	: +852 2610 2021		
<i>Project</i>	: AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM			<i>Date received</i>	: 30-Jun-2025
<i>Order number</i>	: —	<i>Quote number</i>	: HKE/1125/2025	<i>Date of issue</i>	: 10-Jul-2025
<i>C-O-C number</i>	: —			<i>No. of samples</i>	- Received : 36
<i>Site</i>	: TUNG CHUNG				- Analysed : 36

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Hong Kong Accreditation Service (HKAS) has accredited this laboratory, ALS Technichem (HK) Pty Ltd (Reg. No. HOKLAS 066) under Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS Directory of Accredited Laboratories.

This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory

Position

Authorised results for:

Lin Wai Yu , Iris

Assistant Manager - Inorganics

Inorganics



General Comments

This report supersedes any previous report(s) with the same work order number. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 30-Jun-2025 to 09-Jul-2025.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2524860 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6692821)								
HK2524860-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	2.3	2.3	0.0
HK2524860-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	2.8	3.0	7.0
EA/ED: Physical and Aggregate Properties (QC Lot: 6692822)								
HK2524860-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	2.6	2.5	4.0
HK2524860-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	2.4	2.2	8.5

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report							
				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
				Spike		Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 6692821)											
EA025: Suspended Solids (SS)	----	0.5	mg/L	<0.5	20 mg/L	98.0	----	81.8	117	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 6692822)											
EA025: Suspended Solids (SS)	----	0.5	mg/L	<0.5	20 mg/L	94.5	----	81.8	117	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



CERTIFICATE OF ANALYSIS

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Project : AIRPORT TUNG CHUNG LINK ENVIRONMENTAL TEAM
Order number : —
C-O-C number : —
Site : TUNG CHUNG

Laboratory : ALS Technichem (HK) Pty Ltd
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Quote number : HKE/1125/2025

Page : 1 of 5
Work Order : HK2524871

Date received : 02-Jul-2025
Date of issue : 11-Jul-2025
No. of samples - *Received* : 36
- *Analysed* : 36

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This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory

Position

Authorised results for:

Cheng Sin Ying , May

Senior Chemist - Inorganics

Inorganics



General Comments

This report supersedes any previous report(s) with the same work order number. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 02-Jul-2025 to 10-Jul-2025.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order HK2524871 :

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.



Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 6696327)								
HK2524871-003	C3-ME-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	1.3	1.4	0.0
HK2524871-023	IM3-ME-B-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	1.4	1.3	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 6696328)								
HK2524871-039	IM2-MF-M-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	1.9	1.5	23.5
HK2524871-055	C4-MF-S-1	EA025: Suspended Solids (SS)	----	0.5	mg/L	2.0	1.8	14.4

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
					Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)		
		Method: Compound	CAS Number	LOR		Unit	Result	LCS	DCS	Low	High	Value
EA/ED: Physical and Aggregate Properties (QCLot: 6696327)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	95.0	----	81.8	117	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 6696328)												
EA025: Suspended Solids (SS)		----	0.5	mg/L	<0.5	20 mg/L	108	----	81.8	117	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.