



CERTIFICATE OF ANALYSIS

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Project : WATER QUALITY MONITORING PROGRAMME
DEEP WATER BAY AND PO TOI
Order number : ----
C-O-C number : ----
Site : ----

Laboratory : ALS Technichem HK Pty Ltd
Contact : Wong Wai Man, Alice
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Quote number : ----

Page : 1 of 6
Work Order : **HK0909985**

Date received : 20-MAY-2009

Date of issue : 22-MAY-2009

No. of samples - *Received* : 60
- *Analysed* : 60

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0909985 supersedes any previous reports with this reference. The completion date of analysis is 21-MAY-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0909985 : **Sample(s) were received in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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<i>Signatory</i>	<i>Position</i>	<i>Authorised results for:-</i>
Fung Lim Chee, Richard	General Manager	Inorganics

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

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Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 985744)								
HK0909985-001	2009/05/20/0902/S1/B/E/ REPL.1	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	0.0
HK0909985-011	2009/05/20/0854/S2/M/E/ REPL.2	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 985745)								
HK0909985-021	2009/05/20/0917/B1/T/E/ REPL.1	EA025: Suspended Solids (SS)	----	1	mg/L	8	7	0.0
HK0909985-031	2009/05/20/1450/S1/B/F/ REPL.1	EA025: Suspended Solids (SS)	----	1	mg/L	13	14	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 985746)								
HK0909985-041	2009/05/20/1442/S2/M/F/ REPL.2	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0909985-051	2009/05/20/1505/B1/T/F/ REPL.1	EA025: Suspended Solids (SS)	----	1	mg/L	3	3	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	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 985744)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	95.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 985745)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	100	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 985746)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	94.0	----	85	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

<i>Client</i>	: ERM HONG KONG	<i>Laboratory</i>	: ALS Technichem HK Pty Ltd	<i>Page</i>	: 1 of 6
<i>Contact</i>	: MS JOANNA KWAN	<i>Contact</i>	: Wong Wai Man, Alice	<i>Work Order</i>	: HK0910183
<i>Address</i>	: 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG	<i>Address</i>	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
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<i>Facsimile</i>	: +852 2723 5660	<i>Facsimile</i>	: +852 2610 2021		
<i>Project</i>	: WATER QUALITY MONITORING PROGRAMME DEEP WATER BAY AND PO TOI	<i>Quote number</i>	: ----	<i>Date received</i>	: 21-MAY-2009
<i>Order number</i>	: ----			<i>Date of issue</i>	: 26-MAY-2009
<i>C-O-C number</i>	: ----			<i>No. of samples</i>	- <i>Received</i> : 60
<i>Site</i>	: ----				- <i>Analysed</i> : 60

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0910183 supersedes any previous reports with this reference. The completion date of analysis is 25-MAY-2009. Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0910183 : **Sample(s) were received in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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<i>Signatory</i>	<i>Position</i>	<i>Authorised results for:-</i>
Fung Lim Chee, Richard	General Manager	Inorganics



Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 987226)								
HK0910183-001	2009/05/21/0936/S1/B/E/ REPL.1	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
HK0910183-011	2009/05/21/0927/S2/M/E/ REPL.2	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 987227)								
HK0910183-021	2009/05/21/0952/B1/T/E/ REPL.1	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
HK0910183-031	2009/05/21/1529/S1/B/F/ REPL.1	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 987228)								
HK0910183-041	2009/05/21/1520/S2/M/F/ REPL.2	EA025: Suspended Solids (SS)	----	1	mg/L	4	5	0.0
HK0910183-051	2009/05/21/1545/B1/T/F/ REPL.1	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	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	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 987226)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	97.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 987227)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	104	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 987228)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	107	----	85	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.