



### CERTIFICATE OF ANALYSIS

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*Project* : EM&A FOR THE PERMANENT AVIATION FUEL  
          FACILITY  
*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 4  
*Work Order* : **HK0813876**

*Date received* : 01-SEP-2008

*Date of issue* : 04-SEP-2008

*No. of samples* - *Received* : 52  
                  - *Analysed* : 52

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0813876 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0813876 : **Sample(s) were collected by ALS Technichem (HK) staff on 01 September, 2008.**  
**Water sample(s) analysed and reported on an as received basis.**

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<u>Signatory</u>	<u>Position</u>	<u>Authorised results for:-</u>
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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 746125)</b>								
HK0813876-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	7	7	0.0
HK0813876-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 746126)</b>								
HK0813876-047	C2 (NM5) B ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	5	17.5
HK0813876-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	9	9	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 746127)</b>								
HK0813876-091	C1 (NM3) S MF	EA025: Suspended Solids (SS)	----	1	mg/L	12	11	8.6
HK0813876-102	C3 (NM6) B DUP MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	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						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
						LCS	DCS	Low	High	Value	Control Limit
<b>EA/ED: Physical and Aggregate Properties (QCLot: 746125)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	108	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 746126)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	100	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 746127)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	100	----	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

*Client* : ERM HONG KONG  
*Contact* : MS KAREN LUI  
*Address* : 21/F, LINCOLN HOUSE, 979 KING'S ROAD,  
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*Project* : EM&A FOR THE PERMANENT AVIATION FUEL  
          FACILITY  
*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 5  
*Work Order* : **HK0813886**

*Date received* : 02-SEP-2008

*Date of issue* : 05-SEP-2008

*No. of samples* - *Received* : 72  
                  - *Analysed* : 72

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0813886 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0813886 : **Sample(s) were collected by ALS Technichem (HK) staff on 02 September, 2008.**  
**Water sample(s) analysed and reported on an as received basis.**

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

### ALS Laboratory Group

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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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 747384)</b>								
HK0813886-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0
HK0813886-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 747385)</b>								
HK0813886-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	14	16	14.0
HK0813886-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	8	21.6
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 747386)</b>								
HK0813886-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	4	28.1
HK0813886-066	MPB2 B DUP MF	EA025: Suspended Solids (SS)	----	1	mg/L	34	34	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 747387)</b>								
HK0813886-091	C1 (NM3) S MF	EA025: Suspended Solids (SS)	----	1	mg/L	7	6	0.0
HK0813886-094	C1 (NM3) M DUP MF	EA025: Suspended Solids (SS)	----	1	mg/L	10	11	11.6

### 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					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
						LCS	DCS	Low	High	Value	Control Limit
<b>EA/ED: Physical and Aggregate Properties (QCLot: 747384)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	109	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 747385)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	110	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 747386)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	108	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 747387)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	104	----	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 4
<i>Contact</i>	: MS KAREN LUI	<i>Contact</i>	: Wong Wai Man, Alice	<i>Work Order</i>	: <b>HK0813887</b>
<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>Project</i>	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	<i>Quote number</i>	: ---	<i>Date received</i>	: 03-SEP-2008
<i>Order number</i>	: ---			<i>Date of issue</i>	: 08-SEP-2008
<i>C-O-C number</i>	: ---			<i>No. of samples</i>	- Received : 70
<i>Site</i>	: ---				- Analysed : 70

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0813887 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0813887 : **Sample(s) were picked up from client by ALS Technichem (HK) staff 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

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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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 748494)</b>								
HK0813887-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	7	16.0
HK0813887-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 748495)</b>								
HK0813887-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	0.0
HK0813887-047	C2 (NM5) B ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	7	15.4
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 748496)</b>								
HK0813887-059	MPB1 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	9	10	17.1
HK0813887-069	IMO1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 748497)</b>								
HK0813887-093	C1 (NM3) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	7	7	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
<b>EA/ED: Physical and Aggregate Properties (QCLot: 748494)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	90.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 748495)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	89.0	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 748496)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	88.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 748497)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	110	----	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 5
<i>Contact</i>	: MS KAREN LUI	<i>Contact</i>	: Wong Wai Man, Alice	<i>Work Order</i>	: <b>HK0813888</b>
<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>Project</i>	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	<i>Quote number</i>	: ---	<i>Date received</i>	: 04-SEP-2008
<i>Order number</i>	: ---			<i>Date of issue</i>	: 09-SEP-2008
<i>C-O-C number</i>	: ---			<i>No. of samples</i>	- <i>Received</i> : 74
<i>Site</i>	: ---				- <i>Analysed</i> : 74

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0813888 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0813888 : **Sample(s) were picked up from client by ALS Technichem (HK) staff 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

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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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 749598)</b>								
HK0813888-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	5	0.0
HK0813888-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	5	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 749599)</b>								
HK0813888-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	47	47	0.0
HK0813888-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	7	8	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 749600)</b>								
HK0813888-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	14	14	0.0
HK0813888-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 749601)</b>								
HK0813888-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	62	59	4.0
HK0813888-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	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
<b>EA/ED: Physical and Aggregate Properties (QCLot: 749598)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	89.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 749599)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	90.0	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 749600)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	91.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 749601)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	101	----	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

*Client* : ERM HONG KONG  
*Contact* : MS KAREN LUI  
*Address* : 21/F, LINCOLN HOUSE, 979 KING'S ROAD,  
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*Project* : EM&A FOR THE PERMANENT AVIATION FUEL  
FACILITY  
*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 5  
*Work Order* : **HK0813889**

*Date received* : 05-SEP-2008

*Date of issue* : 10-SEP-2008

*No. of samples* - *Received* : 74  
- *Analysed* : 74

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0813889 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0813889 : **Sample(s) were picked up from client by ALS Technichem (HK) staff 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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 750937)</b>								
HK0813889-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	4	0.0
HK0813889-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 750938)</b>								
HK0813889-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	23	23	0.0
HK0813889-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 750939)</b>								
HK0813889-049	MP S MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	0.0
HK0813889-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 750940)</b>								
HK0813889-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	18	19	8.3
HK0813889-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	10	9	12.7

### 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	Control Limit
<b>EA/ED: Physical and Aggregate Properties (QCLot: 750937)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	104	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 750938)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	107	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 750939)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 750940)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	89.0	----	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

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          FACILITY  
*Order number* : ----  
*C-O-C number* : ----  
*Site* : ----

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*Quote number* : ----

*Page* : 1 of 5  
*Work Order* : **HK0813890**

*Date received* : 08-SEP-2008

*Date of issue* : 11-SEP-2008

*No. of samples* - *Received* : 74  
                  - *Analysed* : 74

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0813890 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0813890 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**  
**Water sample(s) analysed and reported on an as received basis.**

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

### ALS Laboratory Group

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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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 752315)</b>								
HK0813890-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0813890-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	5	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 752316)</b>								
HK0813890-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
HK0813890-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	3	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 752317)</b>								
HK0813890-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0813890-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	20.1
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 752318)</b>								
HK0813890-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	5	26.6
HK0813890-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	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					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
						LCS	DCS	Low	High	Value	Control Limit
<b>EA/ED: Physical and Aggregate Properties (QCLot: 752315)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	104	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 752316)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	106	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 752317)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	101	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 752318)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	90.5	----	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 5
<i>Contact</i>	: MS KAREN LUI	<i>Contact</i>	: Wong Wai Man, Alice	<i>Work Order</i>	: <b>HK0814211</b>
<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>Project</i>	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	<i>Quote number</i>	: ---	<i>Date received</i>	: 09-SEP-2008
<i>Order number</i>	: ---			<i>Date of issue</i>	: 12-SEP-2008
<i>C-O-C number</i>	: ---			<i>No. of samples</i>	- <i>Received</i> : 74
<i>Site</i>	: ---				- <i>Analysed</i> : 74

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0814211 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0814211 : **Sample(s) were picked up from client by ALS Technichem (HK) staff 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

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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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 754098)</b>								
HK0814211-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0
HK0814211-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	29.1
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 754099)</b>								
HK0814211-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
HK0814211-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 754100)</b>								
HK0814211-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
HK0814211-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	6	20.6
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 754101)</b>								
HK0814211-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	5	0.0
HK0814211-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	5	32.9

### 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
<b>EA/ED: Physical and Aggregate Properties (QCLot: 754098)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	92.0	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 754099)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	108	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 754100)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	104	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 754101)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	110	----	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

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*Order number* : ----  
*C-O-C number* : ----  
*Site* : ----

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*Quote number* : ----

*Page* : 1 of 5  
*Work Order* : HK0814206

*Date received* : 10-SEP-2008

*Date of issue* : 13-SEP-2008

*No. of samples* - *Received* : 74  
                  - *Analysed* : 74

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0814206 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0814206 : **Sample(s) were picked up from client by ALS Technichem (HK) staff 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

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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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 754942)</b>								
HK0814206-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	20.2
HK0814206-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 754943)</b>								
HK0814206-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	7	18.9
HK0814206-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	5	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 754944)</b>								
HK0814206-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	3	4	0.0
HK0814206-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	7	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 754945)</b>								
HK0814206-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0
HK0814206-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	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
<b>EA/ED: Physical and Aggregate Properties (QCLot: 754942)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	95.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 754943)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	103	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 754944)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	94.0	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 754945)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	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

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*Project* : EM&A FOR THE PERMANENT AVIATION FUEL  
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*Order number* : ----  
*C-O-C number* : ----  
*Site* : ----

*Laboratory* : ALS Technichem (HK) Pty Ltd  
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*Quote number* : ----

*Page* : 1 of 5  
*Work Order* : **HK0814207**

*Date received* : 11-SEP-2008

*Date of issue* : 17-SEP-2008

*No. of samples* - *Received* : 74  
- *Analysed* : 74

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0814207 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0814207 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**  
**Water sample(s) analysed and reported on an as received basis.**

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

### ALS Laboratory Group

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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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 756413)</b>								
HK0814207-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0
HK0814207-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 756414)</b>								
HK0814207-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	9	0.0
HK0814207-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	16.2
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 756415)</b>								
HK0814207-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0
HK0814207-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	9	8	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 756416)</b>								
HK0814207-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	0.0
HK0814207-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	7	6	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
<b>EA/ED: Physical and Aggregate Properties (QCLot: 756413)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	110	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 756414)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	110	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 756415)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	89.0	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 756416)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	97.0	----	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 5
<i>Contact</i>	: MS KAREN LUI	<i>Contact</i>	: Wong Wai Man, Alice	<i>Work Order</i>	: <b>HK0814208</b>
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<i>E-mail</i>	: Karen.Lui@erm.com	<i>E-mail</i>	: Alice.Wong@alsenviro.com		
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<i>Facsimile</i>	: +852 2723 5660	<i>Facsimile</i>	: +852 2610 2021		
<i>Project</i>	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	<i>Quote number</i>	: ---	<i>Date received</i>	: 12-SEP-2008
<i>Order number</i>	: ---			<i>Date of issue</i>	: 18-SEP-2008
<i>C-O-C number</i>	: ---			<i>No. of samples</i>	- <i>Received</i> : 74
<i>Site</i>	: ---				- <i>Analysed</i> : 74

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0814208 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0814208 : **Sample(s) were picked up from client by ALS Technichem (HK) staff 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

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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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 758821)</b>								
HK0814208-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	5	0.0
HK0814208-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 758822)</b>								
HK0814208-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	18	18	0.0
HK0814208-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 758823)</b>								
HK0814208-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	5	0.0
HK0814208-068	IMO1 S DUP MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 758824)</b>								
HK0814208-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	11	12	12.8
HK0814208-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	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					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
						LCS	DCS	Low	High	Value	Control Limit
<b>EA/ED: Physical and Aggregate Properties (QCLot: 758821)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	92.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 758822)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	91.0	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 758823)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	92.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 758824)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	89.0	----	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

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*Contact* : MS KAREN LUI  
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*Project* : EM&A FOR THE PERMANENT AVIATION FUEL  
          FACILITY  
*Order number* : ----  
*C-O-C number* : ----  
*Site* : ----

*Laboratory* : ALS Technichem (HK) Pty Ltd  
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*Quote number* : ----

*Page* : 1 of 5  
*Work Order* : HK0814209

*Date received* : 16-SEP-2008

*Date of issue* : 19-SEP-2008

*No. of samples* - *Received* : 98  
                  - *Analysed* : 98

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0814209 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0814209 : **Sample(s) were picked up from client by ALS Technichem (HK) staff 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

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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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 760247)</b>								
HK0814209-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	11	10	12.6
HK0814209-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	10	20.9
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 760248)</b>								
HK0814209-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0
HK0814209-033	IMO3 M ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	10	11.3
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 760249)</b>								
HK0814209-043	C2 (NM5) S ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	8	15.6
HK0814209-055	MPB1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	9	10	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 760250)</b>								
HK0814209-065	MPB2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	9	10	14.6
HK0814209-075	IMO2 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	9	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 760251)</b>								
HK0814209-085	IMO4 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	9	14.6
HK0814209-095	C1 (NM3) B MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	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					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
						LCS	DCS	Low	High	Value	Control Limit
<b>EA/ED: Physical and Aggregate Properties (QCLot: 760247)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	104	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 760248)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	94.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 760249)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	107	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 760250)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	106	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 760251)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	90.5	----	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

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*Order number* : ----  
*C-O-C number* : ----  
*Site* : ----

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*Quote number* : ----

*Page* : 1 of 5  
*Work Order* : **HK0814210**

*Date received* : 17-SEP-2008

*Date of issue* : 22-SEP-2008

*No. of samples* - *Received* : 74  
- *Analysed* : 74

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0814210 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0814210 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**  
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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

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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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 762435)</b>								
HK0814210-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	11	10	15.4
HK0814210-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	9	14.2
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 762436)</b>								
HK0814210-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	10	10	0.0
HK0814210-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	7	8	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 762437)</b>								
HK0814210-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	20	20	0.0
HK0814210-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	16	16	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 762438)</b>								
HK0814210-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	12	11	0.0
HK0814210-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	7	8	16.5

### 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	Control Limit
<b>EA/ED: Physical and Aggregate Properties (QCLot: 762435)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	97.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 762436)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	95.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 762437)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	95.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 762438)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	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 5
<i>Contact</i> : MS KAREN LUI	<i>Contact</i> : Wong Wai Man, Alice	<i>Work Order</i> : <b>HK0814213</b>
<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>Project</i> : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	<i>Quote number</i> : ---	<i>Date received</i> : 18-SEP-2008
<i>Order number</i> : ---		<i>Date of issue</i> : 23-SEP-2008
<i>C-O-C number</i> : ---		<i>No. of samples</i> - <i>Received</i> : 74
<i>Site</i> : ---		- <i>Analysed</i> : 74

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0814213 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0814213 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**  
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<i>Signatory</i>	<i>Position</i>	<i>Authorised results for:-</i>
Fung Lim Chee, Richard	General Manager	Inorganics

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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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 763696)</b>								
HK0814213-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	17	17	0.0
HK0814213-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	18	17	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 763697)</b>								
HK0814213-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	10	10	0.0
HK0814213-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	12	11	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 763698)</b>								
HK0814213-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	15	14	0.0
HK0814213-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	12	13	11.2
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 763699)</b>								
HK0814213-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	11	12	0.0
HK0814213-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	13	11	16.7

### 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	Control Limit
<b>EA/ED: Physical and Aggregate Properties (QCLot: 763696)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	94.0	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 763697)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	104	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 763698)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	106	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 763699)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	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

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*Project* : EM&A FOR THE PERMANENT AVIATION FUEL  
          FACILITY  
*Order number* : ----  
*C-O-C number* : ----  
*Site* : ----

*Laboratory* : ALS Technichem (HK) Pty Ltd  
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*Quote number* : ----

*Page* : 1 of 5  
*Work Order* : **HK0814212**

*Date received* : 19-SEP-2008

*Date of issue* : 24-SEP-2008

*No. of samples* - *Received* : 98  
                  - *Analysed* : 98

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0814212 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0814212 : **Sample(s) were picked up from client by ALS Technichem (HK) staff 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

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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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 764915)</b>								
HK0814212-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	3	3	0.0
HK0814212-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	4	23.6
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 764916)</b>								
HK0814212-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0
HK0814212-033	IMO3 M ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 764917)</b>								
HK0814212-043	C2 (NM5) S ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	5	26.3
HK0814212-055	MPB1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	7	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 764918)</b>								
HK0814212-065	MPB2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0814212-075	IMO2 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	7	8	14.9
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 764919)</b>								
HK0814212-085	IMO4 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	4	0.0
HK0814212-095	C1 (NM3) B MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	5	22.2

### 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					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
						LCS	DCS	Low	High	Value	Control Limit
<b>EA/ED: Physical and Aggregate Properties (QCLot: 764915)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	98.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 764916)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	93.0	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 764917)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	106	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 764918)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	106	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 764919)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	112	----	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 5
<i>Contact</i>	: MS KAREN LUI	<i>Contact</i>	: Wong Wai Man, Alice	<i>Work Order</i>	: <b>HK0815350</b>
<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		
<i>E-mail</i>	: Karen.Lui@erm.com	<i>E-mail</i>	: Alice.Wong@alsenviro.com		
<i>Telephone</i>	: +852 2271 3000	<i>Telephone</i>	: +852 2610 1044		
<i>Facsimile</i>	: +852 2723 5660	<i>Facsimile</i>	: +852 2610 2021		
<i>Project</i>	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	<i>Quote number</i>	: ---	<i>Date received</i>	: 22-SEP-2008
<i>Order number</i>	: ---			<i>Date of issue</i>	: 25-SEP-2008
<i>C-O-C number</i>	: ---			<i>No. of samples</i>	- <i>Received</i> : 94
<i>Site</i>	: ---				- <i>Analysed</i> : 94

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0815350 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0815350 : **Sample(s) were picked up from client by ALS Technichem (HK) staff 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

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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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 766404)</b>								
HK0815350-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	21.9
HK0815350-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 766405)</b>								
HK0815350-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0
HK0815350-035	IMO3 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 766406)</b>								
HK0815350-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0815350-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 766407)</b>								
HK0815350-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	3	4	0.0
HK0815350-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	11	11	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 766408)</b>								
HK0815350-089	IMO4 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0815350-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	7	7	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
<b>EA/ED: Physical and Aggregate Properties (QCLot: 766404)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	88.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 766405)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	93.0	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 766406)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	94.0	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 766407)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	97.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 766408)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	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 4
<i>Contact</i>	: MS KAREN LUI	<i>Contact</i>	: Wong Wai Man, Alice	<i>Work Order</i>	: <b>HK0815079</b>
<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		
<i>E-mail</i>	: Karen.Lui@erm.com	<i>E-mail</i>	: Alice.Wong@alsenviro.com		
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<i>Facsimile</i>	: +852 2723 5660	<i>Facsimile</i>	: +852 2610 2021		
<i>Project</i>	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	<i>Quote number</i>	: ---	<i>Date received</i>	: 23-SEP-2008
<i>Order number</i>	: ---			<i>Date of issue</i>	: 26-SEP-2008
<i>C-O-C number</i>	: ---			<i>No. of samples</i>	- Received : 44
<i>Site</i>	: ---				- Analysed : 44

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0815079 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0815079 : **Sample(s) were picked up from client by ALS Technichem (HK) staff 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

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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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 768578)</b>								
HK0815079-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	2	2	0.0
HK0815079-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	3	39.7
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 768579)</b>								
HK0815079-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	2	2	0.0
HK0815079-035	IMO3 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	4	21.8
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 768580)</b>								
HK0815079-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	2	4	60.5

### 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	Control Limit
<b>EA/ED: Physical and Aggregate Properties (QCLot: 768578)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	92.0	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 768579)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	90.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 768580)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	97.0	----	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 5
<i>Contact</i>	: MS KAREN LUI	<i>Contact</i>	: Wong Wai Man, Alice	<i>Work Order</i>	: <b>HK0815201</b>
<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		
<i>E-mail</i>	: Karen.Lui@erm.com	<i>E-mail</i>	: Alice.Wong@alsenviro.com		
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<i>Facsimile</i>	: +852 2723 5660	<i>Facsimile</i>	: +852 2610 2021		
<i>Project</i>	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	<i>Quote number</i>	: ---	<i>Date received</i>	: 25-SEP-2008
<i>Order number</i>	: ---			<i>Date of issue</i>	: 30-SEP-2008
<i>C-O-C number</i>	: ---			<i>No. of samples</i>	- <i>Received</i> : 94
<i>Site</i>	: ---				- <i>Analysed</i> : 94

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0815201 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0815201 : **Sample(s) were picked up from client by ALS Technichem (HK) staff 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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 770077)</b>								
HK0815201-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	20	21	6.8
HK0815201-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	8	25.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 770078)</b>								
HK0815201-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	21	22	0.0
HK0815201-035	IMO3 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	7	18.2
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 770079)</b>								
HK0815201-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	12	11	0.0
HK0815201-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	6	26.2
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 770080)</b>								
HK0815201-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	21	22	0.0
HK0815201-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	12	12	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 770081)</b>								
HK0815201-089	IMO4 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	10	8	17.0
HK0815201-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	11	11	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
<b>EA/ED: Physical and Aggregate Properties (QCLot: 770077)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	89.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 770078)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	106	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 770079)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	97.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 770080)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	103	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 770081)</b>											
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 5
<i>Contact</i>	: MS KAREN LUI	<i>Contact</i>	: Wong Wai Man, Alice	<i>Work Order</i>	: <b>HK0815202</b>
<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		
<i>E-mail</i>	: Karen.Lui@erm.com	<i>E-mail</i>	: Alice.Wong@alsenviro.com		
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<i>Facsimile</i>	: +852 2723 5660	<i>Facsimile</i>	: +852 2610 2021		
<i>Project</i>	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	<i>Quote number</i>	: ---	<i>Date received</i>	: 26-SEP-2008
<i>Order number</i>	: ---			<i>Date of issue</i>	: 03-OCT-2008
<i>C-O-C number</i>	: ---			<i>No. of samples</i>	- <i>Received</i> : 94
<i>Site</i>	: ---				- <i>Analysed</i> : 94

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0815202 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0815202 : **Sample(s) were picked up from client by ALS Technichem (HK) staff 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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 771047)</b>								
HK0815202-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	5	0.0
HK0815202-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 771048)</b>								
HK0815202-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
HK0815202-035	IMO3 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	9	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 771049)</b>								
HK0815202-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	0.0
HK0815202-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 771050)</b>								
HK0815202-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	7	0.0
HK0815202-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	6	22.5
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 771051)</b>								
HK0815202-089	IMO4 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	5	0.0
HK0815202-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	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					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
						LCS	DCS	Low	High	Value	Control Limit
<b>EA/ED: Physical and Aggregate Properties (QCLot: 771047)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 771048)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 771049)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	107	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 771050)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	106	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 771051)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	108	----	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

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*Project* : EM&A FOR THE PERMANENT AVIATION FUEL  
          FACILITY  
*Order number* : ----  
*C-O-C number* : ----  
*Site* : ----

*Laboratory* : ALS Technichem (HK) Pty Ltd  
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*Quote number* : ----

*Page* : 1 of 5  
*Work Order* : **HK0815200**

*Date received* : 29-SEP-2008

*Date of issue* : 06-OCT-2008

*No. of samples* - *Received* : 94  
                  - *Analysed* : 94

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0815200 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0815200 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**  
**Water sample(s) analysed and reported on an as received basis.**

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<u>Signatory</u>	<u>Position</u>	<u>Authorised results for:-</u>
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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 773242)</b>								
HK0815200-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	7	6	0.0
HK0815200-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 773243)</b>								
HK0815200-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
HK0815200-035	IMO3 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 773244)</b>								
HK0815200-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
HK0815200-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	22.7
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 773245)</b>								
HK0815200-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0
HK0815200-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	7	7	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 773246)</b>								
HK0815200-089	IMO4 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	7	0.0
HK0815200-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	8	18.9

### 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
<b>EA/ED: Physical and Aggregate Properties (QCLot: 773242)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	96.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 773243)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	98.0	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 773244)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	99.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 773245)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	93.0	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 773246)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	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 5
<i>Contact</i>	: MS KAREN LUI	<i>Contact</i>	: Wong Wai Man, Alice	<i>Work Order</i>	: <b>HK0815257</b>
<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>Project</i>	: EM&A FOR THE PERMANENT AVIATION FUEL FACILITY	<i>Quote number</i>	: ---	<i>Date received</i>	: 30-SEP-2008
<i>Order number</i>	: ---			<i>Date of issue</i>	: 08-OCT-2008
<i>C-O-C number</i>	: ---			<i>No. of samples</i>	- <i>Received</i> : 94
<i>Site</i>	: ---				- <i>Analysed</i> : 94

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0815257 supersedes any previous reports with this reference. The completion date of analysis is . 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 HK0815257 : **Sample(s) were picked up from client by ALS Technichem (HK) staff 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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Sub-Matrix: MARINE WATER

			Compound				
			EA025: Suspended Solids (SS)				
			LOR Unit	1 mg/L			
Client sample ID	Client sampling date / time	Laboratory sample ID	EA/ED: Physical and Aggregate Properties				
IMO2 B MF	[30-SEP-2008]	HK0815257-077	12				
IMO2 B DUP MF	[30-SEP-2008]	HK0815257-078	13				
IMO3 S MF	[30-SEP-2008]	HK0815257-079	13				
IMO3 S DUP MF	[30-SEP-2008]	HK0815257-080	13				
IMO3 B MF	[30-SEP-2008]	HK0815257-083	7				
IMO3 B DUP MF	[30-SEP-2008]	HK0815257-084	5				
IMO4 S MF	[30-SEP-2008]	HK0815257-085	13				
IMO4 S DUP MF	[30-SEP-2008]	HK0815257-086	12				
IMO4 M MF	[30-SEP-2008]	HK0815257-087	13				
IMO4 M DUP MF	[30-SEP-2008]	HK0815257-088	13				
IMO4 B MF	[30-SEP-2008]	HK0815257-089	13				
IMO4 B DUP MF	[30-SEP-2008]	HK0815257-090	15				
C1 (NM3) S MF	[30-SEP-2008]	HK0815257-091	15				
C1 (NM3) S DUP MF	[30-SEP-2008]	HK0815257-092	14				
C1 (NM3) M MF	[30-SEP-2008]	HK0815257-093	15				
C1 (NM3) M DUP MF	[30-SEP-2008]	HK0815257-094	13				
C1 (NM3) B MF	[30-SEP-2008]	HK0815257-095	13				
C1 (NM3) B DUP MF	[30-SEP-2008]	HK0815257-096	13				
C3 (NM6) S MF	[30-SEP-2008]	HK0815257-097	10				
C3 (NM6) S DUP MF	[30-SEP-2008]	HK0815257-098	8				
C3 (NM6) M MF	[30-SEP-2008]	HK0815257-099	10				
C3 (NM6) M DUP MF	[30-SEP-2008]	HK0815257-100	8				
C3 (NM6) B MF	[30-SEP-2008]	HK0815257-101	11				
C3 (NM6) B DUP MF	[30-SEP-2008]	HK0815257-102	8				





### 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 (%)
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 773924)</b>								
HK0815257-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	12	12	0.0
HK0815257-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	17	19	14.7
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 773925)</b>								
HK0815257-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	17	19	12.6
HK0815257-035	IMO3 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	10	9	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 773926)</b>								
HK0815257-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	12	10	10.0
HK0815257-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	14	14	0.0
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 773927)</b>								
HK0815257-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	14	15	10.0
HK0815257-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	12	14	14.7
<b>EA/ED: Physical and Aggregate Properties (QC Lot: 773928)</b>								
HK0815257-089	IMO4 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	13	14	0.0
HK0815257-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	10	11	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
<b>EA/ED: Physical and Aggregate Properties (QCLot: 773924)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	97.0	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 773925)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	108	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 773926)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	93.5	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 773927)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	110	----	85	115	----	----
<b>EA/ED: Physical and Aggregate Properties (QCLot: 773928)</b>											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	105	----	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.