



## 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 JOANNA KWAN   | <i>Contact</i>      | : Chan Kwok Fai, Godfrey  | <i>Work Order</i>     | : <b>HK0914949</b>     |
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| <i>Facsimile</i>    | : +852 2723 5660   | <i>Facsimile</i>    | : +852 2610 2021  |                       |                        |
| <i>Project</i>      | : WATER QUALITY MONITORING PROGRAMME<br>DEEP WATER BAY AND PO TOI                              | <i>Quote number</i> | : ----  | <i>Date received</i>  | : 24-JUL-2009          |
| <i>Order number</i> | : ----   |                     |   | <i>Date of issue</i>  | : 28-JUL-2009          |
| <i>C-O-C number</i> | : ----   |                     |   | <i>No. of samples</i> | - <i>Received</i> : 30 |
| <i>Site</i>         | : ----   |                     |   |                       | - <i>Analysed</i> : 30 |

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0914949 supersedes any previous reports with this reference. The completion date of analysis is 27-JUL-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 HK0914949 : **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 (%) |
| <b>EA/ED: Physical and Aggregate Properties (QC Lot: 1051053)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0914949-001   | 2009/07/23/1236/S1/B/E/<br>REPL.1 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 8               | 8                | 0.0     |
| HK0914949-011   | 2009/07/23/1228/S2/M/E/<br>REPL.2 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 9               | 9                | 0.0     |
| <b>EA/ED: Physical and Aggregate Properties (QC Lot: 1051054)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0914949-021   | 2009/07/23/1251/B1/T/E/<br>REPL.1 | 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: 1051053)</b> |            |     |      |                          |                     |  |      |                     |      |          |               |
| EA025: Suspended Solids (SS)                                     | ----       | 2   | mg/L | <2                       | 20 mg/L             | 98.5   | ---- | 85                  | 115  | ----     | ----          |
| <b>EA/ED: Physical and Aggregate Properties (QCLot: 1051054)</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 JOANNA KWAN   | <i>Contact</i>      | : Chan Kwok Fai, Godfrey  | <i>Work Order</i>     | : <b>HK0915105</b>     |
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| <i>Facsimile</i>    | : +852 2723 5660   | <i>Facsimile</i>    | : +852 2610 2021  |                       |                        |
| <i>Project</i>      | : WATER QUALITY MONITORING PROGRAMME<br>DEEP WATER BAY AND PO TOI                              | <i>Quote number</i> | : ----  | <i>Date received</i>  | : 25-JUL-2009          |
| <i>Order number</i> | : ----   |                     |   | <i>Date of issue</i>  | : 29-JUL-2009          |
| <i>C-O-C number</i> | : ----   |                     |   | <i>No. of samples</i> | - <i>Received</i> : 30 |
| <i>Site</i>         | : ----   |                     |   |                       | - <i>Analysed</i> : 30 |

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0915105 supersedes any previous reports with this reference. The completion date of analysis is 27-JUL-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 HK0915105 : **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 (%) |
| <b>EA/ED: Physical and Aggregate Properties (QC Lot: 1051158)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915105-001   | 2009/07/24/1337/S1/B/E/<br>REPL.1 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 8               | 8                | 0.0     |
| HK0915105-011   | 2009/07/24/1330/S2/M/E/<br>REPL.2 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 7               | 7                | 0.0     |
| <b>EA/ED: Physical and Aggregate Properties (QC Lot: 1051159)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915105-021   | 2009/07/24/1352/B1/T/E/<br>REPL.1 | 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: 1051158)</b> |            |     |                          |        |                     |  |      |                     |      |          |               |
| EA025: Suspended Solids (SS)                                     | ----       | 2   | mg/L                     | <2     | 20 mg/L             | 94.5   | ---- | 85                  | 115  | ----     | ----          |
| <b>EA/ED: Physical and Aggregate Properties (QCLot: 1051159)</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.



## 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 JOANNA KWAN   | <i>Contact</i>      | : Chan Kwok Fai, Godfrey  | <i>Work Order</i>     | : <b>HK0915104</b>     |
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| <i>Project</i>      | : WATER QUALITY MONITORING PROGRAMME<br>DEEP WATER BAY AND PO TOI                              | <i>Quote number</i> | : ----  | <i>Date received</i>  | : 25-JUL-2009          |
| <i>Order number</i> | : ----   |                     |   | <i>Date of issue</i>  | : 29-JUL-2009          |
| <i>C-O-C number</i> | : ----   |                     |   | <i>No. of samples</i> | - <i>Received</i> : 30 |
| <i>Site</i>         | : ----   |                     |   |                       | - <i>Analysed</i> : 30 |

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0915104 supersedes any previous reports with this reference. The completion date of analysis is 27-JUL-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 HK0915104 : **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 (%) |
| <b>EA/ED: Physical and Aggregate Properties (QC Lot: 1051153)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915104-001   | 2009/07/24/0642/S1/B/F/<br>REPL.1 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 7               | 7                | 0.0     |
| HK0915104-011   | 2009/07/24/0633/S2/M/F/<br>REPL.2 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 5               | 5                | 0.0     |
| <b>EA/ED: Physical and Aggregate Properties (QC Lot: 1051154)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915104-021   | 2009/07/24/0655/B1/T/F/<br>REPL.1 | 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: 1051153)</b> |            |     |                          |        |  |                    |      |                     |      |          |               |
| EA025: Suspended Solids (SS)                                     | ----       | 2   | mg/L                     | <2     | 20 mg/L  | 98.5               | ---- | 85                  | 115  | ----     | ----          |
| <b>EA/ED: Physical and Aggregate Properties (QCLot: 1051154)</b> |            |     |                          |        |  |                    |      |                     |      |          |               |
| EA025: Suspended Solids (SS)                                     | ----       | 2   | mg/L                     | <2     | 20 mg/L  | 96.5               | ---- | 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

*Client* : ERM HONG KONG  
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*Facsimile* : +852 2723 5660  
*Project* : WATER QUALITY MONITORING PROGRAMME  
DEEP WATER BAY AND PO TOI  
*Order number* : ----  
*C-O-C number* : ----  
*Site* : ----

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

*Page* : 1 of 4  
*Work Order* : **HK0915110**

*Date received* : 27-JUL-2009

*Date of issue* : 29-JUL-2009

*No. of samples* - *Received* : 30  
- *Analysed* : 30

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0915110 supersedes any previous reports with this reference. The completion date of analysis is 27-JUL-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 HK0915110 : **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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A Campbell Brothers Limited Company



**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: 1051164)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915110-001   | 2009/07/25/1358/S1/B/E/<br>REPL.1 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 13              | 13               | 0.0     |
| HK0915110-011   | 2009/07/25/1352/S2/M/E/<br>REPL.2 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 7               | 7                | 0.0     |
| <b>EA/ED: Physical and Aggregate Properties (QC Lot: 1051165)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915110-021   | 2009/07/25/1413/B1/T/E/<br>REPL.1 | 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: 1051164)</b> |            |     |                          |        |                     |  |      |                     |      |          |               |
| EA025: Suspended Solids (SS)                                     | ----       | 2   | mg/L                     | <2     | 20 mg/L             | 102  | ---- | 85                  | 115  | ----     | ----          |
| <b>EA/ED: Physical and Aggregate Properties (QCLot: 1051165)</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 JOANNA KWAN   | <i>Contact</i>      | : Chan Kwok Fai, Godfrey  | <i>Work Order</i>     | : <b>HK0915108</b>     |
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| <i>Facsimile</i>    | : +852 2723 5660   | <i>Facsimile</i>    | : +852 2610 2021  |                       |                        |
| <i>Project</i>      | : WATER QUALITY MONITORING PROGRAMME<br>DEEP WATER BAY AND PO TOI                              | <i>Quote number</i> | : ----  | <i>Date received</i>  | : 27-JUL-2009          |
| <i>Order number</i> | : ----   |                     |   | <i>Date of issue</i>  | : 29-JUL-2009          |
| <i>C-O-C number</i> | : ----   |                     |   | <i>No. of samples</i> | - <i>Received</i> : 30 |
| <i>Site</i>         | : ----   |                     |   |                       | - <i>Analysed</i> : 30 |

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0915108 supersedes any previous reports with this reference. The completion date of analysis is 27-JUL-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 HK0915108 : **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 (%) |
| <b>EA/ED: Physical and Aggregate Properties (QC Lot: 1051162)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915108-001   | 2009/07/25/0808/S1/B/F/<br>REPL.1 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 8               | 8                | 0.0     |
| HK0915108-011   | 2009/07/25/0800/S2/M/F/<br>REPL.2 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 4               | 4                | 0.0     |
| <b>EA/ED: Physical and Aggregate Properties (QC Lot: 1051163)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915108-021   | 2009/07/25/0826/B1/T/F/<br>REPL.1 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 9               | 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    | Control Limit |
| <b>EA/ED: Physical and Aggregate Properties (QCLot: 1051162)</b> |            |     |                          |        |                     |  |      |                     |      |          |               |
| EA025: Suspended Solids (SS)                                     | ----       | 2   | mg/L                     | <2     | 20 mg/L             | 104  | ---- | 85                  | 115  | ----     | ----          |
| <b>EA/ED: Physical and Aggregate Properties (QCLot: 1051163)</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

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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  
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*Quote number* : ----

*Page* : 1 of 4  
*Work Order* : **HK0915196**

*Date received* : 28-JUL-2009

*Date of issue* : 30-JUL-2009

*No. of samples* - *Received* : 30  
- *Analysed* : 30

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0915196 supersedes any previous reports with this reference. The completion date of analysis is 28-JUL-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 HK0915196 : **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

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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: 1052849)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915196-001   | 2009/07/27/1531/S1/B/E/<br>REPL.1 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 4               | 4                | 0.0     |
| HK0915196-011   | 2009/07/27/1522/S2/M/E/<br>REPL.2 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 4               | 4                | 0.0     |
| <b>EA/ED: Physical and Aggregate Properties (QC Lot: 1052850)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915196-021   | 2009/07/27/1549/B1/T/E/<br>REPL.1 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 9               | 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    | Control Limit |
| <b>EA/ED: Physical and Aggregate Properties (QCLot: 1052849)</b> |            |     |                          |        |                     |  |      |                     |      |          |               |
| EA025: Suspended Solids (SS)                                     | ----       | 2   | mg/L                     | <2     | 20 mg/L             | 89.0   | ---- | 85                  | 115  | ----     | ----          |
| <b>EA/ED: Physical and Aggregate Properties (QCLot: 1052850)</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 4               |
| <i>Contact</i>      | : MS JOANNA KWAN   | <i>Contact</i>      | : Chan Kwok Fai, Godfrey  | <i>Work Order</i>     | : <b>HK0915194</b>     |
| <i>Address</i>      | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD,<br>TAIKOO PLACE, ISLAND EAST,<br>QUARRY BAY, HONG KONG | <i>Address</i>      | : 11/F., Chung Shun Knitting Centre,<br>1 - 3 Wing Yip Street,<br>Kwai Chung, N.T., Hong Kong |                       |                        |
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| <i>Project</i>      | : WATER QUALITY MONITORING PROGRAMME<br>DEEP WATER BAY AND PO TOI                              | <i>Quote number</i> | : ---   | <i>Date received</i>  | : 28-JUL-2009          |
| <i>Order number</i> | : ---  |                     |   | <i>Date of issue</i>  | : 30-JUL-2009          |
| <i>C-O-C number</i> | : ---  |                     |   | <i>No. of samples</i> | - <i>Received</i> : 30 |
| <i>Site</i>         | : ---  |                     |   |                       | - <i>Analysed</i> : 30 |

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0915194 supersedes any previous reports with this reference. The completion date of analysis is 28-JUL-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 HK0915194 : **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 (%) |
| <b>EA/ED: Physical and Aggregate Properties (QC Lot: 1052847)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915194-001   | 2009/07/27/0903/S1/B/F/<br>REPL.1 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 8               | 7                | 0.0     |
| HK0915194-011   | 2009/07/27/0857/S2/M/F/<br>REPL.2 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 5               | 6                | 0.0     |
| <b>EA/ED: Physical and Aggregate Properties (QC Lot: 1052848)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915194-021   | 2009/07/27/0918/B1/T/F/<br>REPL.1 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 22              | 23               | 7.2     |

**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: 1052847)</b> |            |     |                          |        |                     |  |      |                     |      |          |               |
| EA025: Suspended Solids (SS)                                     | ----       | 2   | mg/L                     | <2     | 20 mg/L             | 91.0   | ---- | 85                  | 115  | ----     | ----          |
| <b>EA/ED: Physical and Aggregate Properties (QCLot: 1052848)</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* : WATER QUALITY MONITORING PROGRAMME  
DEEP WATER BAY AND PO TOI  
*Order number* : ----  
*C-O-C number* : ----  
*Site* : ----

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

*Page* : 1 of 4  
*Work Order* : **HK0915276**

*Date received* : 29-JUL-2009

*Date of issue* : 01-AUG-2009

*No. of samples* - *Received* : 30  
- *Analysed* : 30

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0915276 supersedes any previous reports with this reference. The completion date of analysis is 30-JUL-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 HK0915276 : **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                      |

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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: 1055449)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915276-001   | 2009/07/28/1657/S1/B/E/<br>REPL.1 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 9               | 9                | 0.0     |
| HK0915276-011   | 2009/07/28/1651/S2/M/E/<br>REPL.2 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 9               | 10               | 0.0     |
| <b>EA/ED: Physical and Aggregate Properties (QC Lot: 1055450)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915276-021   | 2009/07/28/1710/B1/T/E/<br>REPL.1 | 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: 1055449)</b> |            |     |                          |        |                     |  |      |                     |      |          |               |
| EA025: Suspended Solids (SS)                                     | ----       | 2   | mg/L                     | <2     | 20 mg/L             | 103  | ---- | 85                  | 115  | ----     | ----          |
| <b>EA/ED: Physical and Aggregate Properties (QCLot: 1055450)</b> |            |     |                          |        |                     |  |      |                     |      |          |               |
| EA025: Suspended Solids (SS)                                     | ----       | 2   | mg/L                     | <2     | 20 mg/L             | 89.5   | ---- | 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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*Project* : WATER QUALITY MONITORING PROGRAMME  
DEEP WATER BAY AND PO TOI  
*Order number* : ----  
*C-O-C number* : ----  
*Site* : ----

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

*Page* : 1 of 4  
*Work Order* : **HK0915275**

*Date received* : 29-JUL-2009

*Date of issue* : 01-AUG-2009

*No. of samples* - *Received* : 30  
- *Analysed* : 30

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0915275 supersedes any previous reports with this reference. The completion date of analysis is 30-JUL-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 HK0915275 : **Sample(s) were received in a chilled condition.**  
**Water sample(s) analysed and reported on an as received basis.**

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|------------------------|-----------------|---------------------------------|
| 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: 1055447)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915275-001   | 2009/07/28/1110/S1/B/F/<br>REPL.1 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 3               | 4                | 0.0     |
| HK0915275-011   | 2009/07/28/1103/S2/M/F/<br>REPL.2 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 4               | 4                | 0.0     |
| <b>EA/ED: Physical and Aggregate Properties (QC Lot: 1055448)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915275-021   | 2009/07/28/1124/B1/T/F/<br>REPL.1 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 10              | 10               | 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: 1055447)</b> |            |     |                          |        |  |                    |      |                     |      |          |               |
| EA025: Suspended Solids (SS)                                     | ----       | 2   | mg/L                     | <2     | 20 mg/L  | 91.0               | ---- | 85                  | 115  | ----     | ----          |
| <b>EA/ED: Physical and Aggregate Properties (QCLot: 1055448)</b> |            |     |                          |        |  |                    |      |                     |      |          |               |
| EA025: Suspended Solids (SS)                                     | ----       | 2   | mg/L                     | <2     | 20 mg/L  | 99.5               | ---- | 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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*Project* : WATER QUALITY MONITORING PROGRAMME  
DEEP WATER BAY AND PO TOI  
*Order number* : ----  
*C-O-C number* : ----  
*Site* : ----

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

*Page* : 1 of 4  
*Work Order* : **HK0915323**

*Date received* : 30-JUL-2009

*Date of issue* : 03-AUG-2009

*No. of samples* - *Received* : 30  
- *Analysed* : 30

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0915323 supersedes any previous reports with this reference. The completion date of analysis is 31-JUL-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 HK0915323 : **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 (%) |
| <b>EA/ED: Physical and Aggregate Properties (QC Lot: 1055454)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915323-001   | 2009/07/29/1751/S1/B/E/<br>REPL.1 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 7               | 6                | 0.0     |
| HK0915323-011   | 2009/07/29/1745/S2/M/E/<br>REPL.2 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 6               | 6                | 0.0     |
| <b>EA/ED: Physical and Aggregate Properties (QC Lot: 1055455)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915323-021   | 2009/07/29/1807/B1/T/E/<br>REPL.1 | 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: 1055454)</b> |            |     |                          |        |                     |  |      |                     |      |          |               |
| EA025: Suspended Solids (SS)                                     | ----       | 2   | mg/L                     | <2     | 20 mg/L             | 96.0   | ---- | 85                  | 115  | ----     | ----          |
| <b>EA/ED: Physical and Aggregate Properties (QCLot: 1055455)</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

*Client* : ERM HONG KONG  
*Contact* : MS JOANNA KWAN  
*Address* : 21/F, LINCOLN HOUSE, 979 KING'S ROAD,  
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*Telephone* : +852 2271 3000  
*Facsimile* : +852 2723 5660  
*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* : Chan Kwok Fai, Godfrey  
*Address* : 11/F., Chung Shun Knitting Centre,  
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*Telephone* : +852 2610 1044  
*Facsimile* : +852 2610 2021  
*Quote number* : ----

*Page* : 1 of 4  
*Work Order* : **HK0915322**

*Date received* : 30-JUL-2009

*Date of issue* : 03-AUG-2009

*No. of samples* - *Received* : 30  
- *Analysed* : 30

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0915322 supersedes any previous reports with this reference. The completion date of analysis is 31-JUL-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 HK0915322 : **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

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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: 1055452)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915322-001   | 2009/07/29/1132/S1/B/F/<br>REPL.1 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 8               | 8                | 0.0     |
| HK0915322-011   | 2009/07/29/1127/S2/M/F/<br>REPL.2 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 5               | 6                | 0.0     |
| <b>EA/ED: Physical and Aggregate Properties (QC Lot: 1055453)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915322-021   | 2009/07/29/1146/B1/T/F/<br>REPL.1 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 7               | 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: 1055452)</b> |            |     |                          |        |                     |  |      |                     |      |          |               |
| EA025: Suspended Solids (SS)                                     | ----       | 2   | mg/L                     | <2     | 20 mg/L             | 93.5   | ---- | 85                  | 115  | ----     | ----          |
| <b>EA/ED: Physical and Aggregate Properties (QCLot: 1055453)</b> |            |     |                          |        |                     |  |      |                     |      |          |               |
| EA025: Suspended Solids (SS)                                     | ----       | 2   | mg/L                     | <2     | 20 mg/L             | 106  | ---- | 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 JOANNA KWAN   | <i>Contact</i>      | : Chan Kwok Fai, Godfrey  | <i>Work Order</i>     | : <b>HK0915443</b>     |
| <i>Address</i>      | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD,<br>TAIKOO PLACE, ISLAND EAST,<br>QUARRY BAY, HONG KONG | <i>Address</i>      | : 11/F., Chung Shun Knitting Centre,<br>1 - 3 Wing Yip Street,<br>Kwai Chung, N.T., Hong Kong |                       |                        |
| <i>E-mail</i>       | : Joanna.kwan@erm.com  | <i>E-mail</i>       | : Godfrey.Chan@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>      | : WATER QUALITY MONITORING PROGRAMME<br>DEEP WATER BAY AND PO TOI                              | <i>Quote number</i> | : ---   | <i>Date received</i>  | : 31-JUL-2009          |
| <i>Order number</i> | : ---  |                     |   | <i>Date of issue</i>  | : 04-AUG-2009          |
| <i>C-O-C number</i> | : ---  |                     |   | <i>No. of samples</i> | - <i>Received</i> : 30 |
| <i>Site</i>         | : ---  |                     |   |                       | - <i>Analysed</i> : 30 |

### Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0915443 supersedes any previous reports with this reference. The completion date of analysis is 04-AUG-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 HK0915443 : **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

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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: 1057437)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915443-001   | 2009/07/30/1452/S1/B/F/<br>REPL.1 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 9               | 10               | 0.0     |
| HK0915443-011   | 2009/07/30/1445/S2/M/F/<br>REPL.2 | EA025: Suspended Solids (SS) | ----       | 1                                 | mg/L | 5               | 4                | 0.0     |
| <b>EA/ED: Physical and Aggregate Properties (QC Lot: 1057438)</b> |                                   |                              |            |                                   |      |                 |                  |         |
| HK0915443-021   | 2009/07/30/1506/B1/T/F/<br>REPL.1 | 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: 1057437)</b> |            |     |      |                          |                     |  |      |                     |      |          |               |
| EA025: Suspended Solids (SS)                                     | ----       | 2   | mg/L | <2                       | 20 mg/L             | 89.0   | ---- | 85                  | 115  | ----     | ----          |
| <b>EA/ED: Physical and Aggregate Properties (QCLot: 1057438)</b> |            |     |      |                          |                     |  |      |                     |      |          |               |
| EA025: Suspended Solids (SS)                                     | ----       | 2   | mg/L | <2                       | 20 mg/L             | 96.0   | ---- | 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.