



CERTIFICATE OF ANALYSIS

| | | | | | |
|--------------|---|--------------|---|----------------|----------------|
| Client | : OVE ARUP & PARTNERS (H.K.) LTD | Laboratory | : ALS Technichem HK Pty Ltd | Page | : 1 of 3 |
| Contact | : MR THOMAS CHAN | Contact | : Chan Kwok Fai, Godfrey | Work Order | : HK10233342 |
| Address | : LEVEL 5 FESTIVAL WALK, 80 TAT CHEE AVENUE, KOWLOON TONG, KOWLOON, HONG KONG | Address | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| E-mail | : thomas.chan@arup.com | E-mail | : Godfrey.Chan@alsenviro.com | | |
| Telephone | : +852 2268 3093 | Telephone | : +852 2610 1044 | | |
| Facsimile | : +852 2268 3950 | Facsimile | : +852 2610 2021 | | |
| Project | : NENT NDA | Quote number | : ---- | | |
| Order number | : ---- | | | Date received | : 05-OCT-2010 |
| C-O-C number | : H019902 | | | Date of issue | : 20-OCT-2010 |
| Site | : KTN | | | No. of samples | : Received : 7 |
| | | | | | : Analysed : 7 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK1023342 supersedes any previous reports with this reference. The completion date of analysis is 14-OCT-2010. 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 HK1023342 : Sample(s) were received in a chilled condition.

Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

Soil sample(s) as received, digested by In-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals.

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Signatory  Position **General Manager** Authorised results for: **Inorganics**

Fung Lim Chee, Richard



Analytical Results

Sub-Matrix: SOIL

| Client sample ID | Client sampling date / time | Laboratory sample ID | LOR Unit | Compound | |
|--------------------------|-----------------------------|----------------------|----------|--|------------------------------|
| | | | | EA055: Moisture Content (dried @ 103° C) | EG020: Arsenic |
| | | | | 0.1 % | 1 mg/kg |
| | | | | EA/ED: Physical and Aggregate Properties | EG: Metals and Major Cations |
| KTN-OFFSITE (3.0-3.45) | [05-OCT-2010] | HK1023342-001 | | 32.7 | 184 |
| KTN-OFFSITE (6.0-6.45) | [05-OCT-2010] | HK1023342-002 | | 29.5 | 221 |
| KTN-OFFSITE (9.0-9.45) | [05-OCT-2010] | HK1023342-003 | | 29.1 | 267 |
| KTN-OFFSITE (12.0-12.45) | [05-OCT-2010] | HK1023342-004 | | 29.3 | 180 |
| KTN-OFFSITE (15.0-15.45) | [05-OCT-2010] | HK1023342-005 | | 29.4 | 233 |
| KTN-OFFSITE (18.0-18.45) | [05-OCT-2010] | HK1023342-006 | | 24.0 | 947 |
| KTN-OFFSITE (21.0-21.45) | [05-OCT-2010] | HK1023342-007 | | 31.0 | 473 |



Laboratory Duplicate (DUP) Report

| Laboratory sample ID | | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
|--|--|------------------------|---|------------|-----|-------|-----------------|------------------|---------|
| EAI/ED: Physical and Aggregate Properties (QC Lot: 1518683) | | | | | | | | | |
| HK10233342-001 | | KTN-OFFSITE (3.0-3.45) | EA055: Moisture Content (dried @ 103°C) | --- | 0.1 | % | 32.7 | 32.5 | 0.6 |
| HK1023424-003 | | Anonymous | EA055: Moisture Content (dried @ 103°C) | --- | 0.1 | % | 13.7 | 14.4 | 4.9 |
| EG: Metals and Major Cations (QC Lot: 1518700) | | | | | | | | | |
| HK10233336-004 | | Anonymous | EG020: Arsenic | 7440-38-2 | 1 | mg/kg | 6 | 4 | 20.6 |

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

| Method Blank (MB) Report | | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | | | | |
|--|------------|-----|-------|--|---------------------|------|--------------------|-----|---------------------|-----|------|-------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | LCS | Spike Recovery (%) | DCS | Recovery Limits (%) | Low | High | Value | Control Limit |
| EG: Metals and Major Cations (QC Lot: 1518700) | 7440-38-2 | 1 | mg/kg | <1 | 5 mg/kg | 88.5 | 85 | 115 | --- | --- | --- | --- | --- |

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

| Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report | | | | | | | | | | | | |
|---|------------------|------------------|------------|---------------------|------|--------------------|-----|---------------------|-----|------|-------|---------------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | Spike Concentration | MS | Spike Recovery (%) | MSD | Recovery Limits (%) | Low | High | Value | Control Limit |
| HK10233337-001 | Anonymous | EG020: Arsenic | 7440-38-2 | 5 mg/kg | 84.7 | 75 | 125 | --- | --- | --- | --- | --- |



CERTIFICATE OF ANALYSIS

| | | | | | |
|--------------|---|----------------|---|------------|-------------|
| Client | : OVE ARUP & PARTNERS (H.K.) LTD | Laboratory | : ALS Technichem HK Pty Ltd | Page | : 1 of 3 |
| Contact | : MR THOMAS CHAN | Contact | : Chan Kwok Fai, Godfrey | Work Order | : HK1022781 |
| Address | : LEVEL 5 FESTIVAL WALK, 80 TAT CHEE AVENUE, KOWLOON TONG, KOWLOON, HONG KONG | Address | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| E-mail | : thomas.chan@arup.com | E-mail | : Godfrey.Chan@alsenviro.com | | |
| Telephone | : +852 2268 3093 | Telephone | : +852 2610 1044 | | |
| Facsimile | : +852 2268 3950 | Facsimile | : +852 2610 2021 | | |
| Project | : 25278-10 | Quote number | : ---- | | |
| Order number | : ---- | Date received | : 30-SEP-2010 | | |
| C-O-C number | : H019901 | Date of issue | : 14-OCT-2010 | | |
| Site | : KWU TUNG | No. of samples | : - Received : 12 | | |
| | | | : - Analysed : 12 | | |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK1022781 supersedes any previous reports with this reference. The completion date of analysis is 07-OCT-2010. 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 HK1022781: Sediment sample(s) as received, digested by In-house method E-ASTM D3974-81 based on ASTM D3974-81, prior to the determination of metals. Sample(s) were received in a chilled condition. Soil sample(s) analysed on an as received basis. Result(s) reported on a dry weight basis.

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Signatory **Fung Lim Chee, Richard** Position **General Manager** Authorised results for: **Inorganics**



Analytical Results

Sub-Matrix: SOIL

| Client sample ID | Client sampling date / time | Laboratory sample ID | Compound | |
|---------------------|-----------------------------|----------------------|--|------------------------------|
| | | | LOR Unit | |
| KTN-23B-1 (0.5M) | [30-SEP-2010] | HK1022781-001 | EA055: Moisture Content (dried @ 103° C) | EG020: Arsenic |
| KTN-23B-1 (1.0M) | [30-SEP-2010] | HK1022781-002 | 0.1 % | 1 mg/kg |
| KTN-23B-1 (1.5M) | [30-SEP-2010] | HK1022781-003 | EAVED: Physical and Aggregate Properties | EG: Metals and Major Cations |
| KTN-35A-1 (0.5M) | [30-SEP-2010] | HK1022781-004 | 9.9 | 72 |
| KTN-35A-1 (1.0M) | [30-SEP-2010] | HK1022781-005 | 14.9 | 312 |
| KTN-35A-1 (1.5M) | [30-SEP-2010] | HK1022781-006 | 15.4 | 115 |
| KTN-77,78-8 (0.5M) | [30-SEP-2010] | HK1022781-007 | 9.3 | 58 |
| KTN-77,78-8 (1.0M) | [30-SEP-2010] | HK1022781-008 | 10.9 | 53 |
| KTN-77,78-8 (1.5M) | [30-SEP-2010] | HK1022781-009 | 12.2 | 88 |
| KTN-OFF SITE (0.5M) | [30-SEP-2010] | HK1022781-010 | 23.8 | 429 |
| KTN-OFF SITE (1.0M) | [30-SEP-2010] | HK1022781-011 | 25.0 | 686 |
| KTN-OFF SITE (1.5M) | [30-SEP-2010] | HK1022781-012 | 25.0 | 471 |
| | | | 10.1 | 159 |
| | | | 14.3 | 185 |
| | | | 14.2 | 114 |



Laboratory Duplicate (DUP) Report

| Laboratory sample ID | | Client sample ID | Method: Compound | CAS Number | LOR | Unit | Original Result | Duplicate Result | RPD (%) |
|---|---------------------|------------------|---|------------|-----|-------|-----------------|------------------|---------|
| EA/ED: Physical and Aggregate Properties (QC Lot: 1508247) | | | | | | | | | |
| HK1022504-006 | Anonymous | | EA055: Moisture Content (dried @ 103°C) | ---- | 0.1 | % | 24.2 | 23.1 | 4.5 |
| HK1022618-004 | Anonymous | | EA055: Moisture Content (dried @ 103°C) | ---- | 0.1 | % | 22.1 | 22.1 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 1508248) | | | | | | | | | |
| HK1022732-001 | Anonymous | | EA055: Moisture Content (dried @ 103°C) | ---- | 0.1 | % | 15.9 | 15.9 | 0.0 |
| EG: Metals and Major Cations (QC Lot: 1508213) | | | | | | | | | |
| HK1022781-001 | KTN-23B-1 (0.5M) | | EG020: Arsenic | 7440-38-2 | 1 | mg/kg | 72 | 63 | 12.8 |
| HK1022781-010 | KTN-OFF SITE (0.5M) | | EG020: Arsenic | 7440-38-2 | 1 | mg/kg | 159 | 141 | 12.1 |

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

| Method Blank (MB) Report | | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|-----|-------|--|------|--------------------|-----|---------------------|-------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Spike Concentration | LCS | Spike Recovery (%) | DCS | Recovery Limits (%) | Value | Control Limit |
| EG: Metals and Major Cations (QCLot: 1508213) | 7440-38-2 | 1 | mg/kg | 5 mg/kg | 86.4 | 85 | 115 | 85 | 115 | ----- |
| EG020: Arsenic | | | | | | | | | | |

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

| Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report | | | | | | | | | | |
|---|------------------|------------------|----------------|---------------------|---------|--------------------|-------|---------------------|-------|---------------|
| Laboratory sample ID | Client sample ID | Method: Compound | CAS Number | Spike Concentration | MS | Spike Recovery (%) | MSD | Recovery Limits (%) | Value | Control Limit |
| EG: Metals and Major Cations (QCLot: 1508213) | Anonymous | | EG020: Arsenic | 7440-38-2 | 5 mg/kg | 85.1 | ----- | 75 | 125 | ----- |
| HK1022681-001 | | | | | | | | | | |



7th December 2010

Ove Arup & Partners Hong Kong Ltd
Level 5 Festival Walk
80 Tat Chee Avenue
Kowloon Tong, Kowloon, Hong Kong

Attn: Mr Thomas Chan

Our Ref.: L197_10RF

Dear Mr. Chan,

Subject: Comments on the Testing results of Arsenic Speciation

In regards to your comments and concerns that in some of the tested samples, the concentration of total arsenic is lower than the summing concentration of the arsenic speciation, I have taken a look at the results and would like to provide the following comments:

1. The speciated arsenic testing results provided by the sub-contractor laboratory (Brooks Rand Labs) have been confirmed as correct. There is no transcription errors.
2. The ALS results have also been confirmed as correct and are free of any potential transcription errors. The quality control data associated with this work has been scrutinized and passes the laboratory's criteria.
3. It is confirmed that the sub-contractor laboratory is accredited, by the Washington State Department of Ecology, USA, for all the testing they have undertaken: Arsenic (III), Inorganic Arsenic, Arsenic (V) by subtraction, Di-methyl Arsenic (DMA), Mono-methyl Arsenic (MMA).
4. ALS Hong Kong is HOKLAS accredited for the analysis of total arsenic in soil and sediment samples.
5. A summary table of the total and speciated arsenic results, reported on a dry weight basis, has been prepared in the following page. All results are reported in arsenic form.
6. According to the calculations, there are eight samples where the concentration of total arsenic is lower than the sum of the arsenic species.

The likely cause of the anomaly between the results is sample heterogeneity and the analytical precision of the methods. While every effort was made to take representative sub samples for analysis, there is likely to have been sample heterogeneity owing to the sample matrix type. This problem is particularly profound in samples with high concentration of the analyte which may contain

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'pockets' of analyte. Separate sub samples were taken for analysis in ALS Hong Kong and Brooks Rand Labs in the US. Further the testing undertaken by Brooks Rand Labs for the arsenic speciation analyses would have used further subsamples for each of the individual species analysis. This sample heterogeneity is also reflected in the duplicate quality control data from Brooks Rand Labs, used as a measure of the matrix affects on reproducibility.

The precision of the method also needs to be taken into consideration. According to the "Accuracy and Precision Summary" as stated in Brook-Rand report, page 9-10, the acceptable QC range for the testing of As (inorg) and As (III) have been set at a range of 50-150% recovery. This is suggesting that the testing method has a relatively broad range of precision.

To conclude, based on the QC protocol as suggested by the testing laboratory, it is reasonable to accept the results for the arsenic speciation testing to be correct and comparable to the total arsenic concentration of the sample.

Please feel free to contact us for any further information required.

Thank you


Richard Fung
General Manager- Greater China
For ALS Technichem (HK) Pty Ltd.



| Location ID | Sampling Depths (mbgl) | Total As (mg/kg) | As (III) (mg/kg) | As (V) (mg/kg) | DMAs (mg/kg) | MMAs (mg/kg) | Sum of 4 Arsenic speciat'n | % Diff |
|--------------|------------------------|------------------|------------------|----------------|--------------|--------------|----------------------------|--------|
| KTN-23b-1 | 1.0 | 312 | 0.912 | 214 | 11.5 | 9.18 | 236 | 75.6% |
| KTN-23b-1 | 1.5 | 115 | 0.345 | 129 | 10.9 | 8.74 | 147 | 128% |
| KTN-35a-1 | 0.5 | 58 | 0.122 | 18.5 | 9.57 | 7.66 | 35.8 | 61.8% |
| KTN-35a-1 | 1.5 | 88 | 0.288 | 79.2 | 10.8 | 8.68 | 99.0 | 112% |
| KTN-77,78-8 | 1.0 | 686 | 1.89 | 636 | 12.9 | 10.4 | 661 | 96.4% |
| KTN-77,78-8 | 1.5 | 471 | 2.05 | 473 | 11.6 | 9.31 | 496 | 105% |
| KTN-Off Site | 1.0 | 185 | 1.54 | 177 | 10.4 | 8.33 | 198 | 107% |
| KTN-Off Site | 3.0 - 3.45 | 184 | 0.606 | 179 | 12.9 | 10.3 | 203 | 110% |
| KTN-Off Site | 6.0 - 6.45 | 221 | 0.434 | 179 | 12.2 | 9.77 | 201 | 90.9% |
| KTN-Off Site | 9.0 - 9.45 | 267 | 0.593 | 201 | 12.5 | 10.0 | 225 | 84.1% |
| KTN-Off Site | 15.0 - 15.45 | 233 | 0.683 | 225 | 50.0 | 40.0 | 316 | 136% |
| KTN-Off Site | 18.0 - 18.45 | 947 | 2.37 | 1200 | 11.6 | 9.30 | 1220 | 129% |
| KTN-Off Site | 21.0 - 21.45 | 473 | 1.46 | 486 | 53.4 | 42.7 | 583 | 123% |



ALS Technichem (HK) Pty Ltd

CERTIFICATE OF ANALYSIS

CONTACT: MR THOMAS CHAN
CLIENT: OVE ARUP & PARTNERS (H.K.) LTD
ADDRESS: LEVEL 5 FESTIVAL WALK,
80 TAT CHEE AVENUE, KOWLOON TONG,
KOWLOON,
HONG KONG.
PROJECT: 25278-10

WORK ORDER: HK1024745
LABORATORY: HONG KONG
DATE RECEIVED: 30/09/2010
DATE OF ISSUE: 09/12/2010
SAMPLE TYPE: SOIL
No. of SAMPLES: 13
ORDER No.:

COMMENTS

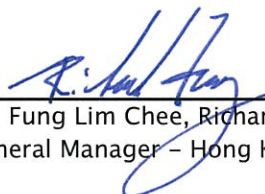
Sample(s) were received in a chilled condition.
Inorganic Aresnic in Soil Sample was subcontracted and tested by Brooks Rand Labs.
Brooks Rand Labs details report was attached. The attached report contains a total of 29 pages.

ISSUING LABORATORY: HONG KONG

Address

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11/F Chung Shun Knitting Centre
1-3 Wing Yip Street
Kwai Chung
HONG KONG

Phone: 852-2610 1044
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Email: hongkong@alsenviro.com


Mr. Fung Lim Chee, Richard
General Manager - Hong Kong

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Abbreviations: % SPK REC denotes percentage spike recovery
CHK denotes duplicate check sample
LOR denotes limit of reporting
LCS % REC denotes Laboratory Control Sample percentage recovery

Page 1 of 2

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CERTIFICATE OF ANALYSIS

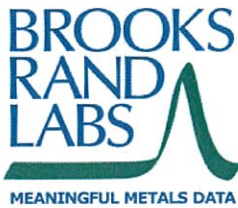


Work Order: HK1024745
Date of Issue: 09/12/2010
Client: OVE ARUP & PARTNERS (H.K.) LTD
Client Reference: 25278-10

Inorganic Aresnic in Soil Sample was subcontracted and tested by Brooks Rand Labs.
This attached report contains a total of 29 pages.

Sample Details

| <i>ALS Lab ID</i> | <i>Client's Sample ID</i> | <i>Sampling Date</i> | <i>BRL Report No</i> |
|-------------------|----------------------------|----------------------|----------------------|
| HK1024745-001 | KTN-23B-1 (1.0M) | 30/09/2010 | 1044019 |
| HK1024745-002 | KTN-23B-1 (1.5M) | 30/09/2010 | 1044019 |
| HK1024745-003 | KTN-35A-1 (0.5M) | 30/09/2010 | 1044019 |
| HK1024745-004 | KTN-35A-1 (1.5M) | 30/09/2010 | 1044019 |
| HK1024745-005 | KTN-77,78-8 (1.0M) | 30/09/2010 | 1044019 |
| HK1024745-006 | KTN-77,78-8 (1.5M) | 30/09/2010 | 1044019 |
| HK1024745-007 | KTN-OFF SITE (1.0M) | 30/09/2010 | 1044019 |
| HK1024745-008 | KTN-OFF SITE (3.0-3.45M) | 05/10/2010 | 1044019 |
| HK1024745-009 | KTN-OFF SITE (6.0-6.45M) | 05/10/2010 | 1044019 |
| HK1024745-010 | KTN-OFF SITE (9.0-9.45M) | 05/10/2010 | 1044019 |
| HK1024745-011 | KTN-OFF SITE (15.0-15.45M) | 05/10/2010 | 1044019 |
| HK1024745-012 | KTN-OFF SITE (18.0-18.45M) | 05/10/2010 | 1044019 |
| HK1024745-013 | KTN-OFF SITE (21.0-21.45M) | 05/10/2010 | 1044019 |



December 6, 2010

ALS Technichem (HK) Pty Ltd
ATTN: Ivan Leung
11/F, Chung Shun Knitting Centre
1-3 Wing Yip St
Kwai Chung, N.T. Hong Kong
ivan.leung@alsenviro.com

RE: Project 1044019

Dear Mr. Leung,

On October 22, 2010, Brooks Rand Labs (BRL) received thirteen (13) sediment samples. Samples were logged-in for the contracted analysis of arsenic speciation analysis, contractually defined as trivalent arsenic [As(III)], inorganic arsenic [As(In)], pentavalent arsenic [As(V)] determined by difference, dimethylarsinic acid (DMA), and monomethylarsonic acid (MMA) according to the client contract. All samples were received, prepared, analyzed, and stored according to BRL SOPs and EPA methodology.

The results were method blank corrected as described in the calculations section of the relevant BRL SOP(s) and may have been evaluated using reporting limits that have been adjusted to account for sample aliquot size. Please refer to the *Sample Results* page for sample-specific MDLs, MRLs, and other details.

The client provided the percent moisture values for all samples. Using their values, all data was reported on a dry-weight basis.

Upon preparation, the sample container for *HK1024745-002* (1044019-02) was found to be broken. It was believed that the breakage occurred while stored in the freezer. The sample was transferred to a different container and no sample appeared to be missing from the container. Since all preservation and storage requirements were met, no qualifications were necessary.

When the spiking level of the matrix spike (MS) and matrix spike duplicate (MSD) set was less than a native sample concentration, a post spike was analyzed. In instances where the spiking level was $\leq 25\%$ of the native sample concentration, the MS/MSD recoveries were not reported (NR).

In instances where the native sample result and/or the associated duplicate (DUP) result were below the MDL the relative percent difference (RPD) was not calculated (**N/C**).

The As(In) for all samples was very high relative to the MMA and DMA levels; such that no MMA or DMA peaks were visible when the samples were analyzed at a dilution appropriate for As(In). Analyzing at a lower dilution to attempt to quantify MMA and DMA was problematic due to peak interference by As(In). There was significant tailing through the entire region of the spectrum where MMA and DMA should be showing up. Running the samples at greater

volumes would only increase this tailing making the MMA and DMA peaks impossible to resolve.

The As(In) results of *HK1024745-001* (1044019-01) and *HK1024745-009* (1044019-09) were above the high calibration standard in sequences 1000898 and 1000901, respectively. The samples were re-analyzed at appropriate dilutions and the re-analyses were reported.

In batch B101841, the native As(In) result for sample *HK1024745-001* (1044019-01) and the associated DUP result yielded a 58% RPD, not meeting BRL's acceptance criteria for duplicate precision. As such, the sample result was qualified **M** for duplicate imprecision and should be considered an estimate. All of the other sample results in the batch were qualified **J-M** should be considered estimates.

In batch B101842, the analysis of the As(III) duplicates of samples *HK1024745-001* (1044019-01) and *HK1024745-009* (1044019-09) produced RPDs above the accepted limit (38% and 53%, respectively). The native sample results and their respective duplicate results were less than 5x the MRL and the difference between the each native sample results and its duplicate results were less than the MRL. This satisfied the secondary acceptance criteria and no results were qualified.

For MMA batch B101886 and DMA batch B101887, no MS/MSD results were reported because the samples were spiked below the method reporting limit. Due to this, post spikes were analyzed instead of the MS/MSD set. All post spikes recovered within acceptance criteria.

In As(In) batch B101909, the blank spike (B101909-BS2) produced a recovery below the acceptance criteria range at 30%. It was re-analyzed and the initial result was confirmed. The blank spike also contained concentrations of MMA and DMA. In order to have the blank spike result in concentrations below the high calibration standard for As(In), MMA, and DMA, a lower volume was analyzed (50 μ L instead of 2mL). It is deemed that the low recovery for As(In) was due to the low analytical volume used for the blank. Since there were two certified reference materials that had acceptable recoveries and all other quality control parameters recovered within acceptance limits, no qualification of the data was necessary.

BRL, an accredited laboratory, certifies that the reported results of all analyses for which BRL is NELAP accredited meet all NELAP requirements. For more information, please see the *Report Information* page.

Please feel free to contact us if you have any questions regarding this report.

Sincerely,


Amanda Fawley
Project Manager
amanda@brookstrand.com


Lydia Greaves
Project Coordinator
lydia@brookstrand.com

Project ID: ALS-HK1003
PM: Amanda Fawley



Client PM: Ivan Leung

Report Information

Laboratory Accreditation

BRL is accredited by the *National Environmental Laboratory Accreditation Program* (NELAP) through the State of Florida Department of Health, Bureau of Laboratories (E87982) and is certified to perform many environmental analyses. BRL is also certified by many other states to perform environmental analyses. For a current list of our accreditations/certifications, please visit our website at <http://www.brooksrand.com/default.asp?contentID=586>. Results reported relate only to the samples listed in the report.

Field Quality Control Samples

Please be notified that certain EPA methods require the collection of field quality control samples of an appropriate type and frequency; failure to do so is considered a deviation from some methods and for compliance purposes should only be done with the approval of regulatory authorities. Please see the specific EPA methods for details regarding required field quality control samples.

Common Abbreviations

| | | | |
|------------|-------------------------------------|------------|------------------------------------|
| BLK | method blank | MS | matrix spike |
| BRL | Brooks Rand Labs | MSD | matrix spike duplicate |
| BS | laboratory fortified blank | ND | non-detect |
| CAL | calibration standard | NR | non-reportable |
| CCV | continuing calibration verification | PS | post preparation spike |
| COC | chain of custody record | REC | percent recovery |
| CRM | certified reference material | RPD | relative percent difference |
| D | dissolved fraction | RSD | relative standard deviation |
| DUP | duplicate | SCV | secondary calibration verification |
| ICV | initial calibration verification | SOP | standard operating procedure |
| MDL | method detection limit | SRM | standard reference material |
| MRL | method reporting limit | T | total recoverable fraction |

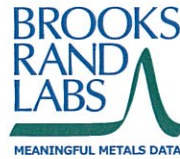
Definition of Data Qualifiers

(Effective 9/23/09)

| | |
|------------|---|
| B | Detected by the instrument, the result is > the MDL but ≤ the MRL. Result is reported and considered an estimate. |
| E | An estimated value due to the presence of interferences. A full explanation is presented in the narrative. |
| H | Holding time and/or preservation requirements not met. Result is estimated. |
| J | Estimated value. A full explanation is presented in the narrative. |
| J-M | Duplicate precision (RPD) for associated QC sample was not within acceptance criteria. Result is estimated. |
| J-N | Spike recovery for associated QC sample was not within acceptance criteria. Result is estimated. |
| M | Duplicate precision (RPD) was not within acceptance criteria. Result is estimated. |
| N | Spike recovery was not within acceptance criteria. Result is estimated. |
| R | Rejected, unusable value. A full explanation is presented in the narrative. |
| U | Result is ≤ the MDL or client requested reporting limit (CRRL). Result reported as the MDL or CRRL. |
| X | Result is not BLK-corrected and is within 10x the absolute value of the highest detectable BLK in the batch. Result is estimated. |

These qualifiers are based on those previously utilized by Brooks Rand, Ltd., those found in the EPA SOW ILM03.0, Exhibit B, Section III, pg. B-18, and the USEPA Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses; USEPA; July 2002. These supersede all previous qualifiers ever employed by BRL.

Project ID: ALS-HK1003
PM: Amanda Fawley



Client PM: Ivan Leung

Sample Information

| Sample | Lab ID | Report Matrix | Type | Sampled | Received |
|---------------|------------|---------------|--------|------------|------------|
| HK1024745-001 | 1044019-01 | Soil | Sample | 09/30/2010 | 10/22/2010 |
| HK1024745-002 | 1044019-02 | Soil | Sample | 09/30/2010 | 10/22/2010 |
| HK1024745-003 | 1044019-03 | Soil | Sample | 09/30/2010 | 10/22/2010 |
| HK1024745-004 | 1044019-04 | Soil | Sample | 09/30/2010 | 10/22/2010 |
| HK1024745-005 | 1044019-05 | Soil | Sample | 09/30/2010 | 10/22/2010 |
| HK1024745-006 | 1044019-06 | Soil | Sample | 09/30/2010 | 10/22/2010 |
| HK1024745-007 | 1044019-07 | Soil | Sample | 09/30/2010 | 10/22/2010 |
| HK1024745-008 | 1044019-08 | Soil | Sample | 09/30/2010 | 10/22/2010 |
| HK1024745-009 | 1044019-09 | Soil | Sample | 09/30/2010 | 10/22/2010 |
| HK1024745-010 | 1044019-10 | Soil | Sample | 09/30/2010 | 10/22/2010 |
| HK1024745-011 | 1044019-11 | Soil | Sample | 09/30/2010 | 10/22/2010 |
| HK1024745-012 | 1044019-12 | Soil | Sample | 09/30/2010 | 10/22/2010 |
| HK1024745-013 | 1044019-13 | Soil | Sample | 09/30/2010 | 10/22/2010 |

Batch Summary

| Analyte | Lab Matrix | Method | Prepared | Analyzed | Batch | Sequence |
|-----------|---------------|----------------------|------------|------------|---------|----------|
| %TS | Soil/Sediment | SM 2540G | 12/06/2010 | 12/06/2010 | B102110 | N/A |
| As(III) | Soil/Sediment | EPA Method 1632 mod. | 11/10/2010 | 11/11/2010 | B101842 | 1000866 |
| As(Inorg) | Soil/Sediment | EPA Method 1632 mod. | 11/18/2010 | 11/19/2010 | B101841 | 1000898 |
| As(Inorg) | Soil/Sediment | EPA Method 1632 mod. | 11/21/2010 | 11/22/2010 | B101909 | 1000901 |
| DMAs | Soil/Sediment | EPA Method 1632 mod. | 11/18/2010 | 11/19/2010 | B101886 | 1000906 |
| DMAs | Soil/Sediment | EPA Method 1632 mod. | 11/21/2010 | 11/22/2010 | B101910 | 1000908 |
| MMAs | Soil/Sediment | EPA Method 1632 mod. | 11/18/2010 | 11/19/2010 | B101887 | 1000907 |
| MMAs | Soil/Sediment | EPA Method 1632 mod. | 11/21/2010 | 11/22/2010 | B101911 | 1000909 |

Project ID: ALS-HK1003
PM: Amanda Fawley



Client PM: Ivan Leung

Sample Results

| Sample | Analyte | Report Matrix | Fraction | Result | Qualifier | MDL | MRL | Unit | Batch | Sequence |
|--|-----------|---------------|----------|--------|-----------|-------|-------|-----------|---------|----------|
| HK1024745-001, KTN-23B-1 (1.0M) | | | | | | | | | | |
| 1044019-01 | %TS | Soil | N/A | 85.10 | | 0.30 | 1.00 | % | B102110 | N/A |
| 1044019-01 | As(III) | Soil | N/A | 0.912 | | 0.125 | 0.417 | mg/kg dry | B101842 | 1000866 |
| 1044019-01 | As(Inorg) | Soil | N/A | 215 | M | 6.89 | 23.0 | mg/kg dry | B101841 | 1000898 |
| 1044019-01 | As(V) | Soil | N/A | 214 | | 6.89 | 23.0 | mg/kg | [CALC] | N/A |
| 1044019-01 | DMAs | Soil | N/A | 11.5 | U | 11.5 | 34.4 | mg/kg dry | B101886 | 1000906 |
| 1044019-01 | MMAs | Soil | N/A | 9.18 | U | 9.18 | 27.5 | mg/kg dry | B101887 | 1000907 |
| HK1024745-002, KTN-23B-1 (1.5M) | | | | | | | | | | |
| 1044019-02 | %TS | Soil | N/A | 84.60 | | 0.30 | 1.00 | % | B102110 | N/A |
| 1044019-02 | As(III) | Soil | N/A | 0.345 | | 0.031 | 0.104 | mg/kg dry | B101842 | 1000866 |
| 1044019-02 | As(Inorg) | Soil | N/A | 129 | J-M | 6.55 | 21.8 | mg/kg dry | B101841 | 1000898 |
| 1044019-02 | As(V) | Soil | N/A | 129 | | 6.55 | 21.8 | mg/kg | [CALC] | N/A |
| 1044019-02 | DMAs | Soil | N/A | 10.9 | U | 10.9 | 32.8 | mg/kg dry | B101886 | 1000906 |
| 1044019-02 | MMAs | Soil | N/A | 8.74 | U | 8.74 | 26.2 | mg/kg dry | B101887 | 1000907 |
| HK1024745-003, KTN-35A-1 (0.5M) | | | | | | | | | | |
| 1044019-03 | %TS | Soil | N/A | 90.70 | | 0.30 | 1.00 | % | B102110 | N/A |
| 1044019-03 | As(III) | Soil | N/A | 0.122 | | 0.030 | 0.098 | mg/kg dry | B101842 | 1000866 |
| 1044019-03 | As(Inorg) | Soil | N/A | 18.6 | J-M | 0.574 | 1.91 | mg/kg dry | B101841 | 1000898 |
| 1044019-03 | As(V) | Soil | N/A | 18.5 | | 0.574 | 1.91 | mg/kg | [CALC] | N/A |
| 1044019-03 | DMAs | Soil | N/A | 9.57 | U | 9.57 | 28.7 | mg/kg dry | B101886 | 1000906 |
| 1044019-03 | MMAs | Soil | N/A | 7.66 | U | 7.66 | 23.0 | mg/kg dry | B101887 | 1000907 |
| HK1024745-004, KTN-35A-1 (1.5M) | | | | | | | | | | |
| 1044019-04 | %TS | Soil | N/A | 87.80 | | 0.30 | 1.00 | % | B102110 | N/A |
| 1044019-04 | As(III) | Soil | N/A | 0.288 | | 0.033 | 0.111 | mg/kg dry | B101842 | 1000866 |
| 1044019-04 | As(Inorg) | Soil | N/A | 79.5 | J-M | 6.51 | 21.7 | mg/kg dry | B101841 | 1000898 |
| 1044019-04 | As(V) | Soil | N/A | 79.2 | | 6.51 | 21.7 | mg/kg | [CALC] | N/A |
| 1044019-04 | DMAs | Soil | N/A | 10.8 | U | 10.8 | 32.5 | mg/kg dry | B101886 | 1000906 |
| 1044019-04 | MMAs | Soil | N/A | 8.68 | U | 8.68 | 26.0 | mg/kg dry | B101887 | 1000907 |

Project ID: ALS-HK1003
PM: Amanda Fawley



Client PM: Ivan Leung

Sample Results

| Sample | Analyte | Report Matrix | Fraction | Result | Qualifier | MDL | MRL | Unit | Batch | Sequence |
|--|-----------|---------------|----------|--------|-----------|-------|-------|-----------|---------|----------|
| HK1024745-005, KTN-77,78-8 (1.0M) | | | | | | | | | | |
| 1044019-05 | %TS | Soil | N/A | 75.00 | | 0.30 | 1.00 | % | B102110 | N/A |
| 1044019-05 | As(III) | Soil | N/A | 1.89 | | 0.036 | 0.119 | mg/kg dry | B101842 | 1000866 |
| 1044019-05 | As(Inorg) | Soil | N/A | 638 | J-M | 7.77 | 25.9 | mg/kg dry | B101841 | 1000898 |
| 1044019-05 | As(V) | Soil | N/A | 636 | | 7.77 | 25.9 | mg/kg | [CALC] | N/A |
| 1044019-05 | DMAs | Soil | N/A | 12.9 | U | 12.9 | 38.8 | mg/kg dry | B101886 | 1000906 |
| 1044019-05 | MMAAs | Soil | N/A | 10.4 | U | 10.4 | 31.1 | mg/kg dry | B101887 | 1000907 |
| HK1024745-006, KTN-77,78-8 (1.5M) | | | | | | | | | | |
| 1044019-06 | %TS | Soil | N/A | 75.00 | | 0.30 | 1.00 | % | B102110 | N/A |
| 1044019-06 | As(III) | Soil | N/A | 2.05 | | 0.036 | 0.121 | mg/kg dry | B101842 | 1000866 |
| 1044019-06 | As(Inorg) | Soil | N/A | 475 | J-M | 6.98 | 23.3 | mg/kg dry | B101841 | 1000898 |
| 1044019-06 | As(V) | Soil | N/A | 473 | | 6.98 | 23.3 | mg/kg | [CALC] | N/A |
| 1044019-06 | DMAs | Soil | N/A | 11.6 | U | 11.6 | 34.9 | mg/kg dry | B101886 | 1000906 |
| 1044019-06 | MMAAs | Soil | N/A | 9.31 | U | 9.31 | 27.9 | mg/kg dry | B101887 | 1000907 |
| HK1024745-007, KTN-OFF SITE (1.0M) | | | | | | | | | | |
| 1044019-07 | %TS | Soil | N/A | 85.70 | | 0.30 | 1.00 | % | B102110 | N/A |
| 1044019-07 | As(III) | Soil | N/A | 1.54 | | 0.032 | 0.108 | mg/kg dry | B101842 | 1000866 |
| 1044019-07 | As(Inorg) | Soil | N/A | 179 | | 6.25 | 20.8 | mg/kg dry | B101909 | 1000901 |
| 1044019-07 | As(V) | Soil | N/A | 177 | | 6.25 | 20.8 | mg/kg | [CALC] | N/A |
| 1044019-07 | DMAs | Soil | N/A | 10.4 | U | 10.4 | 31.3 | mg/kg dry | B101910 | 1000908 |
| 1044019-07 | MMAAs | Soil | N/A | 8.33 | U | 8.33 | 25.0 | mg/kg dry | B101911 | 1000909 |
| HK1024745-008, KTN-OFF SITE (3.0-3.45M) | | | | | | | | | | |
| 1044019-08 | %TS | Soil | N/A | 67.30 | | 0.30 | 1.00 | % | B102110 | N/A |
| 1044019-08 | As(III) | Soil | N/A | 0.606 | | 0.039 | 0.131 | mg/kg dry | B101842 | 1000866 |
| 1044019-08 | As(Inorg) | Soil | N/A | 180 | | 7.74 | 25.8 | mg/kg dry | B101909 | 1000901 |
| 1044019-08 | As(V) | Soil | N/A | 179 | | 7.74 | 25.8 | mg/kg | [CALC] | N/A |
| 1044019-08 | DMAs | Soil | N/A | 12.9 | U | 12.9 | 38.7 | mg/kg dry | B101910 | 1000908 |
| 1044019-08 | MMAAs | Soil | N/A | 10.3 | U | 10.3 | 31.0 | mg/kg dry | B101911 | 1000909 |

Project ID: ALS-HK1003
PM: Amanda Fawley

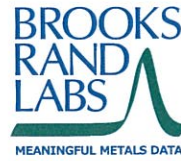


Client PM: Ivan Leung

Sample Results

| Sample | Analyte | Report Matrix | Fraction | Result | Qualifier | MDL | MRL | Unit | Batch | Sequence |
|--|-----------|---------------|----------|--------|-----------|-------|-------|-----------|---------|----------|
| HK1024745-009, KTN-OFF SITE (6.0-6.45M) | | | | | | | | | | |
| 1044019-09 | %TS | Soil | N/A | 70.50 | | 0.30 | 1.00 | % | B102110 | N/A |
| 1044019-09 | As(III) | Soil | N/A | 0.434 | | 0.037 | 0.123 | mg/kg dry | B101842 | 1000866 |
| 1044019-09 | As(Inorg) | Soil | N/A | 179 | | 7.32 | 24.4 | mg/kg dry | B101909 | 1000901 |
| 1044019-09 | As(V) | Soil | N/A | 179 | | 7.32 | 24.4 | mg/kg | [CALC] | N/A |
| 1044019-09 | DMAs | Soil | N/A | 12.2 | U | 12.2 | 36.6 | mg/kg dry | B101910 | 1000908 |
| 1044019-09 | MMAAs | Soil | N/A | 9.77 | U | 9.77 | 29.3 | mg/kg dry | B101911 | 1000909 |
| HK1024745-010, KTN-OFF SITE (9.0-9.45M) | | | | | | | | | | |
| 1044019-10 | %TS | Soil | N/A | 70.90 | | 0.30 | 1.00 | % | B102110 | N/A |
| 1044019-10 | As(III) | Soil | N/A | 0.593 | | 0.038 | 0.126 | mg/kg dry | B101842 | 1000866 |
| 1044019-10 | As(Inorg) | Soil | N/A | 202 | | 7.50 | 25.0 | mg/kg dry | B101909 | 1000901 |
| 1044019-10 | As(V) | Soil | N/A | 201 | | 7.50 | 25.0 | mg/kg | [CALC] | N/A |
| 1044019-10 | DMAs | Soil | N/A | 12.5 | U | 12.5 | 37.5 | mg/kg dry | B101910 | 1000908 |
| 1044019-10 | MMAAs | Soil | N/A | 10.0 | U | 10.0 | 30.0 | mg/kg dry | B101911 | 1000909 |
| HK1024745-011, KTN-OFF SITE (15.0-15.45M) | | | | | | | | | | |
| 1044019-11 | %TS | Soil | N/A | 70.60 | | 0.30 | 1.00 | % | B102110 | N/A |
| 1044019-11 | As(III) | Soil | N/A | 0.683 | | 0.040 | 0.133 | mg/kg dry | B101842 | 1000866 |
| 1044019-11 | As(Inorg) | Soil | N/A | 226 | | 30.0 | 99.9 | mg/kg dry | B101909 | 1000901 |
| 1044019-11 | As(V) | Soil | N/A | 225 | | 30.0 | 99.9 | mg/kg | [CALC] | N/A |
| 1044019-11 | DMAs | Soil | N/A | 50.0 | U | 50.0 | 150 | mg/kg dry | B101910 | 1000908 |
| 1044019-11 | MMAAs | Soil | N/A | 40.0 | U | 40.0 | 120 | mg/kg dry | B101911 | 1000909 |
| HK1024745-012, KTN-OFF SITE (18.0-18.45M) | | | | | | | | | | |
| 1044019-12 | %TS | Soil | N/A | 76.00 | | 0.30 | 1.00 | % | B102110 | N/A |
| 1044019-12 | As(III) | Soil | N/A | 2.37 | | 0.033 | 0.110 | mg/kg dry | B101842 | 1000866 |
| 1044019-12 | As(Inorg) | Soil | N/A | 1200 | | 27.9 | 93.0 | mg/kg dry | B101909 | 1000901 |
| 1044019-12 | As(V) | Soil | N/A | 1200 | | 27.9 | 93.0 | mg/kg | [CALC] | N/A |
| 1044019-12 | DMAs | Soil | N/A | 11.6 | U | 11.6 | 34.9 | mg/kg dry | B101910 | 1000908 |
| 1044019-12 | MMAAs | Soil | N/A | 9.30 | U | 9.30 | 27.9 | mg/kg dry | B101911 | 1000909 |

Project ID: ALS-HK1003
 PM: Amanda Fawley



Client PM: Ivan Leung

Sample Results

| Sample | Analyte | Report Matrix | Fraction | Result | Qualifier | MDL | MRL | Unit | Batch | Sequence |
|--|-----------|---------------|----------|--------|-----------|-------|-------|-----------|---------|----------|
| HK1024745-013, KTN-OFF SITE (21.0-21.45M) | | | | | | | | | | |
| 1044019-13 | %TS | Soil | N/A | 69.00 | | 0.30 | 1.00 | % | B102110 | N/A |
| 1044019-13 | As(III) | Soil | N/A | 1.46 | | 0.040 | 0.133 | mg/kg dry | B101842 | 1000866 |
| 1044019-13 | As(Inorg) | Soil | N/A | 487 | | 32.0 | 107 | mg/kg dry | B101909 | 1000901 |
| 1044019-13 | As(V) | Soil | N/A | 486 | | 32.0 | 107 | mg/kg | [CALC] | N/A |
| 1044019-13 | DMAs | Soil | N/A | 53.4 | U | 53.4 | 160 | mg/kg dry | B101910 | 1000908 |
| 1044019-13 | MMAs | Soil | N/A | 42.7 | U | 42.7 | 128 | mg/kg dry | B101911 | 1000909 |

Project ID: ALS-HK1003
PM: Amanda Fawley



Client PM: Ivan Leung

Accuracy & Precision Summary

Batch: B101841

Lab Matrix: Soil/Sediment

Method: EPA Method 1632 mod.

| Sample | Analyte | Native | Spike | Result | Units | REC & Limits | RPD & Limits |
|--------------|---|--------|---------|--------|-----------|--------------|--------------|
| B101841-BS2 | Laboratory Fortified Blank (1045006) As(Inorg) | | 0.05000 | 0.052 | mg/kg | 104% 65-135 | |
| B101841-SRM1 | Certified Reference Material (0951027, MESS-3) As(Inorg) | | 18.62 | 21.21 | mg/kg | 114% 65-135 | |
| B101841-SRM2 | Certified Reference Material (0951027, MESS-3) As(Inorg) | | 18.62 | 18.43 | mg/kg | 99% 65-135 | |
| B101841-DUP1 | Duplicate (1044019-01) As(Inorg) | 215.0 | | 118.9 | mg/kg dry | | 58% 35 |
| B101841-MS1 | Matrix Spike (1044019-01) As(Inorg) | 215.0 | 10.62 | 118.2 | mg/kg dry | NR 65-135 | |
| B101841-MSD1 | Matrix Spike Duplicate (1044019-01) As(Inorg) | 215.0 | 11.17 | 157.0 | mg/kg dry | NR 65-135 | 28% 35 |
| B101841-PS1 | Post Spike (1044019-01) As(Inorg) | 215.0 | 252.5 | 427.5 | mg/kg dry | 84% 65-135 | |

Project ID: ALS-HK1003
PM: Amanda Fawley



Client PM: Ivan Leung

Accuracy & Precision Summary

Batch: B101842

Lab Matrix: Soil/Sediment

Method: EPA Method 1632 mod.

| Sample | Analyte | Native | Spike | Result | Units | REC & Limits | RPD & Limits |
|--------------|---|--------|-------|--------|-----------|--------------|--------------|
| B101842-BS2 | Laboratory Fortified Blank (1045002) As(III) | | 1.000 | 0.933 | mg/kg | 93% 50-150 | |
| B101842-SRM1 | Certified Reference Material (1020006, PACS-2) As(III) | | 4.752 | 3.910 | mg/kg | 82% 50-150 | |
| B101842-SRM2 | Certified Reference Material (1020006, PACS-2) As(III) | | 4.752 | 3.517 | mg/kg | 74% 50-150 | |
| B101842-DUP1 | Duplicate (1044019-01) As(III) | 0.912 | | 0.622 | mg/kg dry | | 38% 35 |
| B101842-MS1 | Matrix Spike (1044019-01) As(III) | 0.912 | 9.634 | 9.234 | mg/kg dry | 86% 50-150 | |
| B101842-MSD1 | Matrix Spike Duplicate (1044019-01) As(III) | 0.912 | 9.751 | 9.091 | mg/kg dry | 84% 50-150 | 2% 35 |
| B101842-DUP3 | Duplicate (1044019-09) As(III) | 0.434 | | 0.251 | mg/kg dry | | 53% 35 |
| B101842-MS2 | Matrix Spike (1044019-09) As(III) | 0.434 | 11.38 | 10.02 | mg/kg dry | 84% 50-150 | |
| B101842-MSD2 | Matrix Spike Duplicate (1044019-09) As(III) | 0.434 | 10.89 | 9.447 | mg/kg dry | 83% 50-150 | 6% 35 |

Project ID: ALS-HK1003
PM: Amanda Fawley



Client PM: Ivan Leung

Accuracy & Precision Summary

Batch: B101886

Lab Matrix: Soil/Sediment

Method: EPA Method 1632 mod.

| Sample | Analyte | Native | Spike | Result | Units | REC & Limits | RPD & Limits |
|--------------|--|--------|---------|--------|-----------|--------------|--------------|
| B101886-BS2 | Laboratory Fortified Blank (1047021) DMAs | | 0.05000 | 0.058 | mg/kg | 116% 60-140 | |
| B101886-DUP1 | Duplicate (1044019-01) DMAs | ND | | ND | mg/kg dry | | N/C 35 |
| B101886-PS1 | Post Spike (1044019-01) DMAs | ND | 252.5 | 271.1 | mg/kg dry | 107% 70-130 | |

Project ID: ALS-HK1003
PM: Amanda Fawley



Client PM: Ivan Leung

Accuracy & Precision Summary

Batch: B101887

Lab Matrix: Soil/Sediment

Method: EPA Method 1632 mod.

| Sample | Analyte | Native | Spike | Result | Units | REC & Limits | RPD & Limits |
|--------------|--|--------|---------|--------|-----------|--------------|--------------|
| B101887-BS2 | Laboratory Fortified Blank (1047020) MMAs | | 0.05000 | 0.042 | mg/kg | 84% 60-140 | |
| B101887-DUP1 | Duplicate (1044019-01) MMAs | ND | | ND | mg/kg dry | | N/C 25 |
| B101887-PS1 | Post Spike (1044019-01) MMAs | ND | 252.5 | 262.1 | mg/kg dry | 104% 70-130 | |

Project ID: ALS-HK1003
PM: Amanda Fawley



Client PM: Ivan Leung

Accuracy & Precision Summary

Batch: B101909

Lab Matrix: Soil/Sediment

Method: EPA Method 1632 mod.

| Sample | Analyte | Native | Spike | Result | Units | REC & Limits | RPD & Limits |
|--------------|---|--------|---------|--------|-----------|--------------|--------------|
| B101909-BS2 | Laboratory Fortified Blank (1045006) As(Inorg) | | 0.05000 | 0.015 | mg/kg | 30% 65-135 | |
| B101909-SRM1 | Certified Reference Material (0951027, MESS-3) As(Inorg) | | 18.62 | 19.67 | mg/kg | 106% 65-135 | |
| B101909-SRM2 | Certified Reference Material (0951027, MESS-3) As(Inorg) | | 18.62 | 18.79 | mg/kg | 101% 65-135 | |
| B101909-DUP1 | Duplicate (1044019-07) As(Inorg) | 179.0 | | 159.7 | mg/kg dry | | 11% 35 |
| B101909-MS1 | Matrix Spike (1044019-07) As(Inorg) | 179.0 | 128.7 | 271.6 | mg/kg dry | 72% 65-135 | |
| B101909-MSD1 | Matrix Spike Duplicate (1044019-07) As(Inorg) | 179.0 | 133.7 | 319.6 | mg/kg dry | 105% 65-135 | 16% 35 |
| B101909-PS1 | Post Spike (1044019-07) As(Inorg) | 179.0 | 208.4 | 372.0 | mg/kg dry | 93% 65-135 | |

Project ID: ALS-HK1003
PM: Amanda Fawley



Client PM: Ivan Leung

Accuracy & Precision Summary

Batch: B101910

Lab Matrix: Soil/Sediment

Method: EPA Method 1632 mod.

| Sample | Analyte | Native | Spike | Result | Units | REC & Limits | RPD & Limits |
|--------------|--|--------|--------|--------|-----------|--------------|--------------|
| B101910-BS2 | Laboratory Fortified Blank (1047021) DMAs | | 0.5000 | 0.527 | mg/kg | 105% 60-140 | |
| B101910-DUP1 | Duplicate (1044019-07) DMAs | ND | | ND | mg/kg dry | | N/C 35 |
| B101910-MS1 | Matrix Spike (1044019-07) DMAs | ND | 128.7 | 129.5 | mg/kg dry | 101% 60-140 | |
| B101910-MSD1 | Matrix Spike Duplicate (1044019-07) DMAs | ND | 133.7 | 117.8 | mg/kg dry | 88% 60-140 | 9% 35 |

Project ID: ALS-HK1003
PM: Amanda Fawley



Client PM: Ivan Leung

Accuracy & Precision Summary

Batch: B101911

Lab Matrix: Soil/Sediment

Method: EPA Method 1632 mod.

| Sample | Analyte | Native | Spike | Result | Units | REC & Limits | RPD & Limits |
|--------------|--|--------|--------|--------|-----------|--------------|--------------|
| B101911-BS2 | Laboratory Fortified Blank (1047020) MMAs | | 0.5000 | 0.481 | mg/kg | 96% 60-140 | |
| B101911-DUP1 | Duplicate (1044019-07) MMAs | ND | | ND | mg/kg dry | | N/C 25 |
| B101911-MS1 | Matrix Spike (1044019-07) MMAs | ND | 128.7 | 135.7 | mg/kg dry | 105% 60-140 | |
| B101911-MSD1 | Matrix Spike Duplicate (1044019-07) MMAs | ND | 133.7 | 127.2 | mg/kg dry | 95% 60-140 | 6% 25 |

Project ID: ALS-HK1003
PM: Amanda Fawley



Client PM: Ivan Leung

Method Blanks & Reporting Limits

Batch: B101841
Matrix: Soil/Sediment
Method: EPA Method 1632 mod.
Analyte: As(Inorg)

| Sample | Result | Units | | |
|-----------------------|--------|-------|----------------------------------|-------------------|
| B101841-BLK1 | 0.000 | mg/kg | | |
| B101841-BLK2 | -0.001 | mg/kg | | |
| B101841-BLK3 | 0.000 | mg/kg | | |
| B101841-BLK4 | 0.000 | mg/kg | | |
| Average: 0.000 | | | Standard Deviation: 0.000 | MDL: 0.003 |
| Limit: 0.006 | | | Limit: 0.002 | MRL: 0.010 |

Project ID: ALS-HK1003
PM: Amanda Fawley



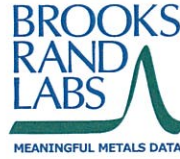
Client PM: Ivan Leung

Method Blanks & Reporting Limits

Batch: B101842
Matrix: Soil/Sediment
Method: EPA Method 1632 mod.
Analyte: As(III)

| Sample | Result | Units | | | |
|-----------------------|--------|-------|----------------------------------|-------------------|--|
| B101842-BLK1 | 0.054 | mg/kg | | | |
| B101842-BLK2 | 0.056 | mg/kg | | | |
| B101842-BLK3 | 0.045 | mg/kg | | | |
| B101842-BLK4 | 0.057 | mg/kg | | | |
| Average: 0.053 | | | Standard Deviation: 0.005 | MDL: 0.030 | |
| Limit: 0.060 | | | Limit: 0.020 | MRL: 0.100 | |

Project ID: ALS-HK1003
PM: Amanda Fawley



Client PM: Ivan Leung

Method Blanks & Reporting Limits

Batch: B101886
Matrix: Soil/Sediment
Method: EPA Method 1632 mod.
Analyte: DMAs

| Sample | Result | Units | | |
|-----------------------|--------|-------|----------------------------------|-------------------|
| B101886-BLK1 | 0.000 | mg/kg | | |
| B101886-BLK2 | 0.000 | mg/kg | | |
| B101886-BLK3 | 0.000 | mg/kg | | |
| B101886-BLK4 | 0.000 | mg/kg | | |
| Average: 0.000 | | | Standard Deviation: 0.000 | MDL: 0.005 |
| Limit: 0.010 | | | Limit: 0.003 | MRL: 0.015 |

Project ID: ALS-HK1003
PM: Amanda Fawley



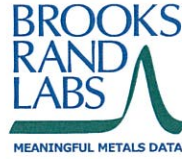
Client PM: Ivan Leung

Method Blanks & Reporting Limits

Batch: B101887
Matrix: Soil/Sediment
Method: EPA Method 1632 mod.
Analyte: MMAs

| Sample | Result | Units | | |
|-----------------------|--------|-------|----------------------------------|-------------------|
| B101887-BLK1 | 0.000 | mg/kg | | |
| B101887-BLK2 | 0.000 | mg/kg | | |
| B101887-BLK3 | 0.000 | mg/kg | | |
| B101887-BLK4 | 0.000 | mg/kg | | |
| Average: 0.000 | | | Standard Deviation: 0.000 | MDL: 0.004 |
| Limit: 0.008 | | | Limit: 0.003 | MRL: 0.012 |

Project ID: ALS-HK1003
PM: Amanda Fawley



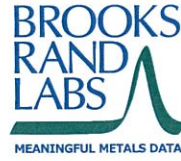
Client PM: Ivan Leung

Method Blanks & Reporting Limits

Batch: B101909
Matrix: Soil/Sediment
Method: EPA Method 1632 mod.
Analyte: As(Inorg)

| Sample | Result | Units | | |
|-----------------------|--------|-------|----------------------------------|-------------------|
| B101909-BLK1 | 0.000 | mg/kg | | |
| B101909-BLK2 | 0.000 | mg/kg | | |
| B101909-BLK3 | 0.000 | mg/kg | | |
| B101909-BLK4 | 0.000 | mg/kg | | |
| Average: 0.000 | | | Standard Deviation: 0.000 | MDL: 0.003 |
| Limit: 0.006 | | | Limit: 0.002 | MRL: 0.010 |

Project ID: ALS-HK1003
PM: Amanda Fawley



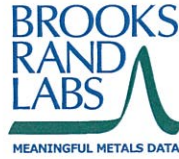
Client PM: Ivan Leung

Method Blanks & Reporting Limits

Batch: B101910
Matrix: Soil/Sediment
Method: EPA Method 1632 mod.
Analyte: DMAs

| Sample | Result | Units | | |
|-----------------------|--------|-------|----------------------------------|-------------------|
| B101910-BLK1 | 0.000 | mg/kg | | |
| B101910-BLK2 | 0.000 | mg/kg | | |
| B101910-BLK3 | 0.000 | mg/kg | | |
| B101910-BLK4 | 0.000 | mg/kg | | |
| Average: 0.000 | | | Standard Deviation: 0.000 | MDL: 0.005 |
| Limit: 0.010 | | | Limit: 0.003 | MRL: 0.015 |

Project ID: ALS-HK1003
PM: Amanda Fawley



Client PM: Ivan Leung

Method Blanks & Reporting Limits

Batch: B101911
Matrix: Soil/Sediment
Method: EPA Method 1632 mod.
Analyte: MMAs

| Sample | Result | Units | | |
|-----------------|--------|-------|----------------------------|-------|
| B101911-BLK1 | 0.000 | mg/kg | | |
| B101911-BLK2 | 0.000 | mg/kg | | |
| B101911-BLK3 | 0.000 | mg/kg | | |
| B101911-BLK4 | 0.000 | mg/kg | | |
| Average: | 0.000 | | Standard Deviation: | 0.000 |
| Limit: | 0.008 | | Limit: | 0.003 |
| | | | MDL: | 0.004 |
| | | | MRL: | 0.012 |

Project ID: ALS-HK1003
PM: Amanda Fawley



Client PM: Ivan Leung

Sample Containers

| | | | | | | | |
|---|------------------|----------------------------|------------|------------------------------|--------------|-----------|--------------------|
| Lab ID: 1044019-01 | | Report Matrix: Soil | | Collected: 09/30/2010 | | | |
| Sample: HK1024745-001 | | Sample Type: Sample | | Received: 10/22/2010 | | | |
| Des | Container | Size | Lot | Preservation | P-Lot | pH | Ship. Cont. |
| A | Jar Glass | 4-oz | | None | N/A | | Cooler |
| Lab ID: 1044019-02 | | Report Matrix: Soil | | Collected: 09/30/2010 | | | |
| Sample: HK1024745-002 | | Sample Type: Sample | | Received: 10/22/2010 | | | |
| Comments: Sample container cracked pull in new container | | | | | | | |
| Des | Container | Size | Lot | Preservation | P-Lot | pH | Ship. Cont. |
| A | Jar Glass | 4-oz | | None | N/A | | Cooler |
| Lab ID: 1044019-03 | | Report Matrix: Soil | | Collected: 09/30/2010 | | | |
| Sample: HK1024745-003 | | Sample Type: Sample | | Received: 10/22/2010 | | | |
| Des | Container | Size | Lot | Preservation | P-Lot | pH | Ship. Cont. |
| A | Jar Glass | 4-oz | | None | N/A | | Cooler |
| Lab ID: 1044019-04 | | Report Matrix: Soil | | Collected: 09/30/2010 | | | |
| Sample: HK1024745-004 | | Sample Type: Sample | | Received: 10/22/2010 | | | |
| Des | Container | Size | Lot | Preservation | P-Lot | pH | Ship. Cont. |
| A | Jar Glass | 4-oz | | None | N/A | | Cooler |
| Lab ID: 1044019-05 | | Report Matrix: Soil | | Collected: 09/30/2010 | | | |
| Sample: HK1024745-005 | | Sample Type: Sample | | Received: 10/22/2010 | | | |
| Des | Container | Size | Lot | Preservation | P-Lot | pH | Ship. Cont. |
| A | Jar Glass | 4-oz | | None | N/A | | Cooler |
| Lab ID: 1044019-06 | | Report Matrix: Soil | | Collected: 09/30/2010 | | | |
| Sample: HK1024745-006 | | Sample Type: Sample | | Received: 10/22/2010 | | | |
| Des | Container | Size | Lot | Preservation | P-Lot | pH | Ship. Cont. |
| A | Jar Glass | 4-oz | | None | N/A | | Cooler |
| Lab ID: 1044019-07 | | Report Matrix: Soil | | Collected: 09/30/2010 | | | |
| Sample: HK1024745-007 | | Sample Type: Sample | | Received: 10/22/2010 | | | |
| Des | Container | Size | Lot | Preservation | P-Lot | pH | Ship. Cont. |
| A | Jar Glass | 4-oz | | None | N/A | | Cooler |

Project ID: ALS-HK1003
PM: Amanda Fawley



Client PM: Ivan Leung

Sample Containers

| | | | | | |
|---|------------------|--|------------|---|--------------------|
| Lab ID: 1044019-08 Sample: HK1024745-008 | | Report Matrix: Soil Sample Type: Sample | | Collected: 09/30/2010 Received: 10/22/2010 | |
| Des | Container | Size | Lot | Preservation | P-Lot |
| A | Jar Glass | 4-oz | | None | N/A |
| | | | | | pH |
| | | | | | Ship. Cont. |
| | | | | | Cooler |
| Lab ID: 1044019-09 Sample: HK1024745-009 | | Report Matrix: Soil Sample Type: Sample | | Collected: 09/30/2010 Received: 10/22/2010 | |
| Des | Container | Size | Lot | Preservation | P-Lot |
| A | Jar Glass | 4-oz | | None | N/A |
| | | | | | pH |
| | | | | | Ship. Cont. |
| | | | | | Cooler |
| Lab ID: 1044019-10 Sample: HK1024745-010 | | Report Matrix: Soil Sample Type: Sample | | Collected: 09/30/2010 Received: 10/22/2010 | |
| Des | Container | Size | Lot | Preservation | P-Lot |
| A | Jar Glass | 4-oz | | None | N/A |
| | | | | | pH |
| | | | | | Ship. Cont. |
| | | | | | Cooler |
| Lab ID: 1044019-11 Sample: HK1024745-011 | | Report Matrix: Soil Sample Type: Sample | | Collected: 09/30/2010 Received: 10/22/2010 | |
| Des | Container | Size | Lot | Preservation | P-Lot |
| A | Jar Glass | 4-oz | | None | N/A |
| | | | | | pH |
| | | | | | Ship. Cont. |
| | | | | | Cooler |
| Lab ID: 1044019-12 Sample: HK1024745-012 | | Report Matrix: Soil Sample Type: Sample | | Collected: 09/30/2010 Received: 10/22/2010 | |
| Des | Container | Size | Lot | Preservation | P-Lot |
| A | Jar Glass | 4-oz | | None | N/A |
| | | | | | pH |
| | | | | | Ship. Cont. |
| | | | | | Cooler |
| Lab ID: 1044019-13 Sample: HK1024745-013 | | Report Matrix: Soil Sample Type: Sample | | Collected: 09/30/2010 Received: 10/22/2010 | |
| Des | Container | Size | Lot | Preservation | P-Lot |
| A | Jar Glass | 4-oz | | None | N/A |
| | | | | | pH |
| | | | | | Ship. Cont. |
| | | | | | Cooler |

Project ID: ALS-HK1003
PM: Amanda Fawley



Client PM: Ivan Leung

Shipping Containers

Cooler

Received: October 22, 2010 10:00
Tracking No: 427474768871 via FedEx
Coolant Type: Ice
Temperature: 3.2 °C

Description: Styrofoam Cooler inside box
Damaged in transit? No
Returned to client? No

Custody seals present? No
Custody seals intact? No
COC present? Yes

ALS Technichem (HK) Pty Ltd

11/F, Chung Shun Knitting Centre, 1-3 Wing Yip St,
 Kwai Chung, N.T. Hong Kong
 Tel: (852) 2610 1044 Fax: (852) 2610 2021



1044019

Chain of Custody Record for
Arsenic Speciation Testing

To: Brooks Rand LLC
3958 Sixth Ave NW
Seattle, WA 98107
U.S.A.

Results Due by: 26 Nov 10

Results Attn: Mr. Godfrey Chan (Godfrey.Chan@alsenviro.com)
Mr. Ivan Leung (Ivan.Leung@alsenviro.com)

Attn: Amanda Fawley

FedEx Air way bill : 4274 7476 8771

Project ID (Reporting): 25278-10

| Sample Identification | | Test required | LOR / Unit | Remarks |
|-----------------------|----------------------------|---------------|------------|--|
| HK1024745-001 | KTN-23B-1 (1.0M) | | | Refer to the attachment (HK/739d/2010) |
| HK1024745-002 | KTN-23B-1 (1.5M) | | | |
| HK1024745-003 | KTN-35A-1 (0.5M) | | | |
| HK1024745-004 | KTN-35A-1 (1.5M) | | | |
| HK1024745-005 | KTN-77,78-8 (1.0M) | | | |
| HK1024745-006 | KTN-77,78-8 (1.5M) | | | |
| HK1024745-007 | KTN-OFF SITE (1.0M) | | | |
| HK1024745-008 | KTN-OFF SITE (3.0-3.45M) | | | |
| HK1024745-009 | KTN-OFF SITE (6.0-6.45M) | | | |
| HK1024745-010 | KTN-OFF SITE (9.0-9.45M) | | | |
| HK1024745-011 | KTN-OFF SITE (15.0-15.45M) | | | |
| HK1024745-012 | KTN-OFF SITE (18.0-18.45M) | | | |
| HK1024745-013 | KTN-OFF SITE (21.0-21.45M) | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

RELINQUISHED BY: SB

RECEIVED BY: [Signature]

DATE / TIME: 20/10/10

DATE/TIME: 10.22.10 1800

CHECKED BY: [Signature]

DATE/TIME: 20/10/10


QUOTATION

| | | | |
|-----------|---------------------------------------|-------------|----------------------|
| COMPANY | OVE ARUP & PARTNERS HONG KONG LIMITED | | |
| ATTENTION | Mr. Thomas Chan | EMAIL | Thomas.cham@arup.com |
| DATE | 30 June 2010 | PHONE NO | 2268- 3093 |
| FROM | Richard Fung | NO OF PAGES | 2 |
| QUOTATION | HK/739d/2010 | VALID UNTIL | December 31, 2010 |

(Please quote this number on all relevant sample submissions)

Dear Mr. Chan,

Further to your request, we are pleased to provide you with the quotation for the analysis of total arsenic and arsenic speciation in your soil samples. ALS HK will be performing the testing of total arsenic. The arsenic speciation testing shall be subcontracted and tested by Brook Rand laboratory in USA. Both laboratories are accredited for the testing that they are performing.

Sample Type: Soil/Sediment
Method Reference:

EP6020, ICPMS: Sample is digested with nitric acid/hydrochloric acid. Metals in the digestate is analysed by ICPMS and the concentration of total metal (arsenic) of the sample is determined.

EPA 1632, Modified - As Species in Sediment/Soil: Sample aliquots for Inorganic As, MMAs, and DMAs are extracted with HCl and adjusted to pH 1.5. Sample aliquots for As(III) are extracted with H₃PO₄ and adjusted to pH 6. Samples are then analyzed by hydride generation with NaBH₄ reduction, cryogenic trap precollection, H₂/air flame quartz furnace decomposition and atomic absorption detection (HGAAS).

| Analyte | Method | Unit Price (HK\$) |
|---|--|-------------------|
| Total Arsenic | EPA 6020 | |
| As(III) | EPA 1632, Modified | |
| As(V) | By Difference as As(Inorganic) - As(III) | |
| Inorganic As | EPA 1632, Modified | |
| MMAs & DMAs (in addition to Inorganic As) | EPA 1632, Modified | |
| Unit Cost (HK\$): | | |
| For 13 samples (HK\$): | | |

#1-13

Reporting Limits:

- Total Arsenic : 1mg/kg
- Arsenic Speciation: 0.01 mg/kg for each analyte (on wet weight basis)

ALS Technichem (HK) Pty Ltd
 Part of the **ALS Laboratory Group**
 11/F Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T.
 Phone +852 2610 1044 Fax +852 2610 2021 www.alsenviro.com
 A Campbell Brothers Limited Company

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division



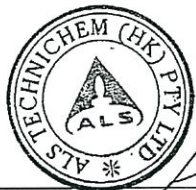
CUSTOMS DECLARATION

Proforma Invoice

| | |
|---------------------------------|--|
| SENDER'S NAME | ALS Technichem (HK) Pty Ltd |
| ADDRESS | 11/F Chung Shun Knitting Centre 1-3 Wing Yip Street Kwai Chung New Territories Hong Kong |
| RECEIVER'S NAME | Brooks Rand Lab LLC |
| ADDRESS | 3958 6 th Ave, NW Seattle, USA WA 98103 |
| RECEIVER'S CONTACT NAME | Ms Amanda Fawley |
| RECEIVER'S CONTACT PHONE NO | 206 632 6206 |
| FULL DESCRIPTION OF GOODS | The accompanying package contains soil samples of no commercial value, non-hazardous and non-perishable (Import permit attached) |
| PURPOSE FOR SENDING | Analytical Testwork |
| VALUE FOR CUSTOMS PURPOSES ONLY | HKD50 |
| NUMBER OF PACKES | One (1) box only |

I declare the above information to be true and correct to the best of my knowledge.

SIGNED: _____



DATE: 20 October 2010

ALS Technichem (HK) Pty Ltd
Part of the **ALS Laboratory Group**
11/F, Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., H.K.
Phone: 852-2610 1044 Fax: 852-2610 2021 www.alsenviro.com
A Campbell Brothers Limited Company

CONDITIONS OF CONTRACT FOR INTERNATIONAL SHIPMENTS ONLY

DEFINITIONS: On the Air Waybill 'we', 'our' and 'us' refer to Federal Express Corporation, its subsidiaries and branches and their respective employees, agents and independent contractors. 'You' and 'your' refer to the shipper, its employees, principals and agents. If your shipment originates outside the United States, your contract of carriage is with the Federal Express subsidiary, branch or independent contractor who originally accepts the shipment from you. 'Package' means any container or envelopment is accepted by us for delivery, including any such items tendered by you utilizing our automated systems, meters, manifests or waybills. 'Shipments' means all packages, which are tendered to and accepted by us on a single Air Waybill. **AGREEMENT TO TERMS.** By giving us your shipment, you agree, regardless of whether you sign the front of this Air Waybill, for yourself and as agent for and on behalf of any other person having an interest in this shipment, to all terms on this NON-NEGOTIABLE Air Waybill. In any applicable tariff, and in our current Service Guides or Standard Conditions of Carriage, copies of which are available upon request. If there is a conflict between this Air Waybill and either the tariff, Service Guide or Standard Conditions then in effect, the tariff and the terms of any customer automation agreement between the shipper and Federal Express will control (the Service Guide or Standard Conditions have secondary priority). No one is authorized to alter or modify the terms of our agreement. This Air Waybill shall be binding on us when the shipment is accepted. **YOUR OBLIGATIONS.** You warrant that each article in the shipment is properly described on this Air Waybill and is acceptable for transport by us, and that the shipment is properly marked, addressed (including postal codes) and packaged to ensure safe transportation with ordinary care in handling. **NOTICE CONCERNING LIMITATIONS OF LIABILITY, Air Carriage Notice.** If the carriage of your shipment by air involves an ultimate destination or stop in a country other than the country of departure, the Warsaw Convention, an international treaty relating to international carriage by air, may be applicable, which treaty would then govern and in most cases limit our liability for loss or delay of or damage to your shipment. In the U.S. the Warsaw Convention limits our liability to U.S. \$9.07 per pound (U.S. \$20.38 per kilogram). Unless you declare a higher value for carriage as described below. The interpretation of the Warsaw Convention liability limits may vary in other countries. There are no stopping places which are agreed at the time of tender of the shipment and we reserve the right to route shipments in any way we deem appropriate. Road Transport Notice: Shipments transported partly or solely by road be it by explicit agreement to do so or not-in, to, from a country which is party to the Convention on the Contract for the International Carriage of Goods by Road (the 'CMR') are subject to the terms and conditions of the CMR, notwithstanding any other provisions of the Agreement to the contrary. For these shipments transported solely by road, if a conflict arises between the provisions of the CMR and this Air Waybill the terms of the CMR shall prevail. **Limitation of Liability, if not governed by the Warsaw Convention or the CMR as described above, our maximum liability for loss, damage or delay is limited by this Air Waybill to U.S. \$100 per shipment or U.S. \$9.07 per pound (U.S. \$20.38 per kilo) (or equivalent local currency), whichever is greater, unless you declare a higher value for carriage as described below. FedEx does not provide cargo liability or all-risk insurance, but you may pay an additional charge to each additional U.S. \$100 (or equivalent local currency) of declared value for carriage. If a higher value for carriage is declared and the additional charge is paid, FedEx maximum liability will be the lesser of the declared value for carriage or your actual damages. **LIABILITIES NOT ASSUMED IN ANY EVENT, WE WON'T BE LIABLE FOR ANY DAMAGES WHETHER DIRECT, INCIDENTAL, SPECIAL, OR CONSEQUENTIAL, IN EXCESS OF THE DECLARED VALUE FOR CARRIAGE (INCLUDING BUT NOT LIMITED TO LOSS OF INCOME OR PROFITS) WHETHER OR NOT WE HAD ANY KNOWLEDGE THAT SUCH DAMAGES MIGHT BE INCURRED, UNLESS SUCH DAMAGES WERE CAUSED BY OUR OWN WILLFUL MISCONDUCT OR GROSS NEGLIGENCE. We won't be liable for your acts or omissions, including but not limited to incorrect declaration of cargo, improper or insufficient packing, securing, marking or addressing of the shipment, or for the acts or omissions of the recipient or anyone else with an interest in the shipment. Also we won't be liable if you (or) the recipient violate any of the terms of our agreement. We won't be liable for loss of or damage to shipments of cash, currency or other prohibited items. We won't be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, mechanical delays, acts of public enemies, war, strikes, civil commotions, or acts or omissions of public authorities (including customs and health officials) with actual or apparent authority. **NO WARRANTIES.** We make no warranties, express or implied. **CLAIM FOR LOSS, DAMAGE FOR DELAY.** ALL CLAIMS MUST BE NOTIFIED TO US WITHIN 15 DAYS AFTER DELIVERY OF THE SHIPMENT. **FALLING WHICH NO ACTION FOR DAMAGES MAY BE BROUGHT.** All claims for loss, non-delivery or mis-delivery must be received by us within 90 days after the shipment is accepted by us. The right to damages against us shall be extinguished unless an action is brought within two years from the date of delivery of the shipment or from date on which the shipment should have been delivered. Within 30 days after notification to us (of) the claim, it must be documented by sending us all relevant information about it. We are not obligated to act on any claim until all transportation charges have been paid; the claim amount may not be deducted from those charges. If the recipient accepts the shipment without noting any damage on the delivery record, we will assume the shipment was delivered in good condition. In order for us to consider a claim for damages, the contents), original shipping cartons, and packing must be available to us for inspection. **RIGHT TO INSPECT.** Your shipment may, at our option or at the request of governmental authorities, be opened and inspected by us or such authorities or us at any time. **CUSTOMS CLEARANCE.** It is your responsibility to provide proper customs documentation and confirmation, where required. **EXPORT CONTROL.** You authorize Federal Express to act as forwarding agent for you for export control and customs purposes. You hereby certify that all statements and information contained in this air waybill relating to exportation are true and correct. Furthermore, you understand that civil and criminal penalties, including forfeiture and sale, may be imposed for making false or fraudulent statements or for the violation of any United States laws on exportation, including but not limited to, 13 USC Sec. 305; 22 USC Sec. 401; 18 USC Sec. 1001; 50 USC App. 2410. **MANDATORY LAW.** Insofar as any provision contained or referred to in this Air Waybill may be contrary to any applicable international treaty, law, government regulations, orders or requirements such provision shall remain in effect as a part of our agreement to the extent that it is not overridden. The invalidity or unenforceability of any provision shall not affect any other part of this Air Waybill. Unless otherwise indicated the Sender's address indicated on the face of this Waybill is the place of execution and the place of departure, and Recipients address listed on the face of this Waybill is the place of destination. Unless otherwise indicated Federal Express Corporation, P.O. Box 727, Memphis, TN 38184 USA is the first carrier of this shipment.****

PLEASE FOLD THIS SHIPPING DOCUMENT IN HALF AND PLACE IT IN A WAYBILL POUCH AFFIXED TO YOUR SHIPMENT SO THAT THE BAR-CODE PORTION OF THE LABEL CAN BE READ AND SCANNED. ***WARNING: USE ONLY THE PRINTED ORIGINAL LABEL FOR SHIPPING. USING A PHOTOCOPY OF THIS LABEL FOR SHIPPING PURPOSES IS FRAUDULENT AND COULD RESULT IN ADDITIONAL BILLING CHARGES, ALONG WITH THE CANCELLATION OF YOUR FEDEX ACCOUNT NUMBER.

From: Origin ID: ZTWA 2610 1044
 MS. KANNIS LEUNG
 ALS TECHNICHEM (HK) PTY LTD
 9B, CHUNG SHUN KNITTING CENTRE,
 1-3 WING YIP STREET,
 KWAI CHUNG, 235
 HONG KONG



Ship Date: 20OCT10
 ActWgt: 8 KG
 System#: 1390295/FWST0715
 Account#: S 177761508

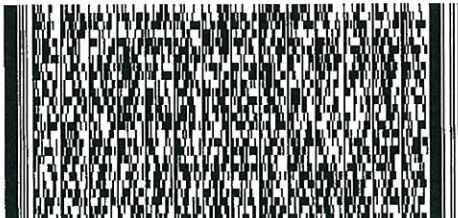
REF: ALS WO: HK1024745
 DESC-1: Soil samples for testing use only, non hazardous & non dange
 DESC-2: Non hazardous, non dangerous, non toxic and non perishable
 DESC-3: No Commercial Value
 DESC-4:

SHIP TO: 206 632 6206 BILL SENDER
Ms Amanda Fawley
Brooks Rand Lab LLC
 3958 6TH AVE NW

COUNTRY MFG: HK HK HK
 CARRIAGE VALUE: HKD
 CUSTOMS VALUE: 50 HKD
 T/C: S 177761508 D/T: S 177761508
 SIGN: Kannis Leung
 EINVAT:

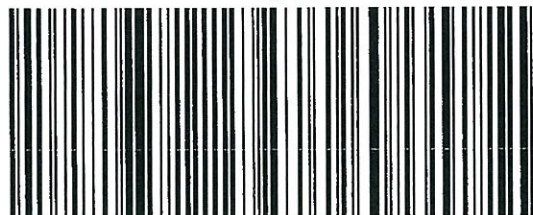
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 US

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