

ALS Environmental



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URGENT

SAMPLE SUBMISSION FORM

Please Note : The following information is required to expedite sample analysis. Please complete all the necessary details and return this form with your samples.

CLIENT DETAILS:

Company Name: China Resources Construction Company Ltd.
Client Contact Name: Mr. David Tse Date: 11th October, 2007
Postal Address: Rm. 1001-5 China Resources Bldg., 26 Harbour Road, Wanchai, Hong Kong
E-mail: davidtse@imail.crc.com.hk
Phone: 2726 2695 Fax: 2326 1502

CLIENT ORDER No: _____ ALS QUOTATION NUMBER: _____ /
PROJECT NAME/No: Reprovisioning of Diamond Hill Crematorium, SSM333

SECONDARY CONTACTS:(if required)

Name: _____
Address: _____
Phone: _____ Fax: _____

ALS Technichem (HK) Pty
Ltd
Work Order
HK0714717



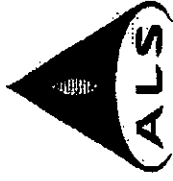
Telephone : +852 2610 1044

SAMPLE ANALYTICAL REQUIREMENTS:

Lab ID (office use only)	Sample ID.	Matrix	Sampling Date/Time	Analysis Required
1	S4A	Sil		Tin (Sn)
2	S4B			Tin (Sn)
3	S4C			Tin (Sn)
4	S4D			Tin (Sn)
5	S4E			Tin (Sn)
6	S5A			Tin (Sn)
7	S5B			Tin (Sn)
8	S5C			Tin (Sn)
9	S5D			Tin (Sn)
10	S5E			Tin (Sn)

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ALS Laboratory Group ANALYTICAL CHEMISTRY & TESTING SERVICES



CERTIFICATE OF ANALYSIS

Client	: CHINA RESOURCES CONSTRUCTION LTD	Laboratory	: ALS Technichem (HK) Pty Ltd	Page	: 1 of 3
Contact	: MR DAVID TSE	Contact	: Alice Wong	Work Order	: HK0714717
Address	: RM 1001-1005, CHINA RESOURCES BUILDING, NO 28 HARBOUR ROAD, WANCHAI, HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong HONG KONG		
E-mail	: davidtse@mail.crc.com.hk	E-mail	: Alice.Wong@alsenviro.com		
Telephone	: 2726 2895	Telephone	: +852 2610 1044		
Facsimile	: 2326 1502	Facsimile	: +852 2610 2021		
Project	: REPROVISIONING OF DIAMOND HILL CREMATORIUM SSM333	Quote number	: ---	Date received	: 11 Oct 2007
Order number	: ---			Date of issue	: 18 Oct 2007
C-O-C number	: ---			No. of samples	: - Received : 10
Site	: ---				- Analysed : 10

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0714717 supersedes any previous reports with this reference. The completion date of analysis is 17 Oct 2007. 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 HK0714717 :
Sample(s) were received in an ambient 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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This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in the 'Electronic Transactions Ordinance' of Hong Kong, Chapter 553, Section 6.

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

ALS Laboratory Group
Trading Name: ALS Technichem (HK) Pty Ltd
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Analytical Results

Client Sample ID	Sample Date / Time	ALS Identification	Analyte:		EG020 (m)	EG: Metals and Major Cations
			LOR / Units:	EA055: Moisture Content (dried @ 103°C): 0.1 %		
Submatrix: SOIL			EA/ED: Physical and Aggregate Properties			
Client Sample ID	Sample Date / Time	ALS Identification	LOR / Units:	EA/ED: Physical and Aggregate Properties	EG020 (m)	EG: Metals and Major Cations
S4A	[11 Oct 2007]	HK0714717-001		3.5	10.2	
S4B	[11 Oct 2007]	HK0714717-002		3.5	7.5	
S4C	[11 Oct 2007]	HK0714717-003		2.0	8.1	
S4D	[11 Oct 2007]	HK0714717-004		3.1	9.8	
S4E	[11 Oct 2007]	HK0714717-005		3.5	11.0	
S6A	[11 Oct 2007]	HK0714717-006		7.1	17.3	
S6B	[11 Oct 2007]	HK0714717-007		9.3	17.9	
S6C	[11 Oct 2007]	HK0714717-008		10.1	21.2	
S6D	[11 Oct 2007]	HK0714717-009		9.1	19.8	
S6E	[11 Oct 2007]	HK0714717-010		8.3	12.0	

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 E.M. Hooper



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 Client : CHINA RESOURCES CONSTRUCTION LTD
 Work Order : HK0714717

Quality Control - Laboratory Duplicate (DUP) Results

Matrix Type: SOIL		Duplicate (DUP) Results						
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	LOR	Units	Original Result	Duplicate Result	RPD (%)
EA055: Physical and Aggregate Properties (QCLot: 512485)								
HK0714606-001	Anonymous	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	72.4	73.1	1.0
HK0714717-010	SSE	EA055: Moisture Content (dried @ 103°C)	---	0.1	%	5.3	5.0	6.1
EG: Metals and Major Cations (QCLot: 512456)								
HK0714717-002	S4B	EG020: Tin	7440-31-5	0.5	mg/kg	7.5	6.8	10.6
HK0714722-002	Anonymous	EG020: Tin	7440-31-5	0.5	mg/kg	63.8	68.0	6.4

Quality Control - Method Blank (MB), Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results

Matrix Type: SOIL				Method Blank (MB) Results				Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results				
Method: Analysis Description	CAS number	LOR	Units	Result	Spike Concentration	SCS	DCS	Recovery Limits (%)	Low	High	Value	Control Limit
EG: Metals and Major Cations (QCLot: 512456)	7440-31-5	1.0	mg/kg	<0.5	5 mg/kg	92.2	---	85	115	---	---	---
EG020: Tin												

Quality Control - Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

Matrix Type: SOIL				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results				
Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	Spike Concentration	MS	MSD	Recovery Limits (%)	RPDs (%)
EG: Metals and Major Cations (QCLot: 512456)								
HK0714717-001	S4A	EG020: Tin	7440-31-5	5 mg/kg	90.3	---	75	125



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CERTIFICATE OF ANALYSIS

Client	: CHINA RESOURCES CONSTRUCTION LTD	Laboratory	: ALS Technichem (HK) Pty Ltd	Page	: 1 of 3
Contact	: MR DAVID TSE	Contact	: Alice Wong	Work Order	: HK0713589
Address	: RM 1004-1005, CHINA RESOURCES BUILDING, NO 28 HARBOUR ROAD, WANCHAI, HONG KONG	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong HONG KONG		
E-mail	: ---	E-mail	: Alice.Wong@alsenviro.com		
Telephone	: 2726 2695	Telephone	: +852 2610 1044	Date received	: 19 Sep 2007
Facsimile	: 2827 2921	Facsimile	: +852 2610 2021	Date of issue	: 4 Oct 2007
Project	: ---	Quote number	: ---	No. of samples	: 5
Order number	: ---			Received	: 5
C-O-C number	: ---			Analysed	: 5
Site	: ---				

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0713589 supersedes any previous reports with this reference. The completion date of analysis is 28 Sep 2007. 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 HK0713589 :
 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: Fung Lim Chee, Richard Position: General Manager
 Authorised results for: Inorganics

ALS Laboratory Group
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 Client : CHINA RESOURCES CONSTRUCTION LTD
 Work Order : HK0713589

Analytical Results

Method: Analysis Description	CAS number	LOR	Units	Client Sample ID:	S3B	S3C	S3D	S3E
EA055: Moisture Content (dried @ 103°C)		0.1	%	HK0713589-001 [19 Sep 2007]	HK0713589-002 [19 Sep 2007]	HK0713589-003 [19 Sep 2007]	HK0713589-004 [19 Sep 2007]	HK0713589-005 [19 Sep 2007]
EA055: Moisture Content (dried @ 103°C)		0.1	%	10.2	13.5	12.4	8.4	13.7
EG020: Lead	7439-92-1	1	mg/kg	42	56	30	53	37
EG020: Tin	7440-31-5	0.5	mg/kg	9.5	11.3	2.0	8.0	10.9

Submitter: SOIL

Client Sample ID:
 Laboratory Sample ID:
 Sample Date / Time:



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 Client : CHINA RESOURCES CONSTRUCTION LTD
 Work Order : HK0713589

Quality Control - Laboratory Duplicate (DUP) Results

Laboratory Sample ID	Client Sample ID	Method: Analytik Description	CAS number	Duplicate (DUP) Results				
				LOR	Units	Original Result	Duplicate Result	RPD (%)
EA055: Physical and Aggregate Properties (QCL: 499330)				0.1	%	10.2	9.5	5.6
EA055: Moisture Content (dried @ 103°C)				0.1	%	36.0	37.9	5.2
EA055: Moisture Content (dried @ 103°C)								
EG020: Lead			7439-92-1	1	mg/kg	56	58	4.8
EG020: Tin			7440-31-5	0.5	mg/kg	11.3	9.5	18.9

Quality Control - Method Blank (MB), Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results

Method: Analysis Description	CAS number	Method Blank (MB) Results			Single Control Spike (SCS) and Duplicate Control Spike (DCS) Results				
		LOR	Units	Result	SCS Spike Recovery (%)	DCS Spike Recovery (%)	Recovery Limits (%)	Value	Control Limit
EG020: Lead	7439-92-1	0.05	mg/kg	<1	94.1		85	115	
EG020: Tin	7440-31-5	0.5	mg/kg	<0.5	98.0		86	115	

Quality Control - Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

Laboratory Sample ID	Client Sample ID	Method: Analysis Description	CAS number	Spike Concentration	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results			
					MS Spike Recovery (%)	MSD Spike Recovery (%)	Recovery Limits (%)	
EG020: Lead	S3A	EG020: Lead	7439-92-1	5 mg/kg	Not Determined		75	125
EG020: Tin	S3B	EG020: Tin	7440-31-5	5 mg/kg	78.1		75	125