



CERTIFICATE OF ANALYSIS

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C-O-C number : ----
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1
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Page : 1 of 3
Work Order : HK1532354
Date Samples Received : 27-AUG-2015
Issue Date : 04-SEP-2015
No. of samples received : 5
No. of samples analysed : 5

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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.

Signatories

Position

Authorised results for

Wong Wing, Kenneth

Manager - Metals

Inorganics



General Comments

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. The completion date of analysis is: 02-SEP-2015

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific comments for Work Order: **HK1532354**

Sample(s) were collected by ALS Technichem (HK) staff.

ALS Technichem (HK) Pty Ltd is HOKLAS accredited for the testing provided in this report. The sampling activity involved is not covered by the laboratory HOKLAS accreditation.

Water sample(s) analysed and reported on an as received basis.

Water sample(s) digested by In-house method E-3005 prior to the determination of total metals. The In-house method is developed based on USEPA method 3005.

According to the WHO Guidelines for drinking-water quality, 4th ed. 2011, the Guideline value of Lead content in water is 0.01 mg/L (10 µg/L).



Analytical Results

Sub-Matrix: WATER				Client sample ID	G/F飲水機	G/F洗手盆	教員室	實驗室	天台水缸
				Client sampling date / time	27-AUG-2015 17:10	27-AUG-2015 17:15	27-AUG-2015 17:20	27-AUG-2015 17:25	27-AUG-2015 17:30
Compound	CAS Number	LOR	Unit		HK1532354-001	HK1532354-002	HK1532354-003	HK1532354-004	HK1532354-005
EG: Metals and Major Cations									
EG020: Lead	7439-92-1	1	µg/L		<1	<1	<1	<1	<1

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 (%)	
EG: Metals and Major Cations (QC Lot: 4013666)									
HK1532352-010	Anonymous	EG020: Lead	7439-92-1	1	µg/L	<1	<1	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		RPD (%)			
						LCS	DCS	Low	High	Value	Control Limit		
EG: Metals and Major Cations (QC Lot: 4013666)													
EG020: Lead	7439-92-1	1	µg/L	<1	100 µg/L	106	----	83	107	----	----		

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

Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits		RPD (%)	
					MS	MSD	Low (%)	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 4013666)										
HK1532352-009	Anonymous	EG020: Lead	7439-92-1	100 µg/L	97.4	----	75	125	----	----