

Your Project #: B220130
Your C.O.C. #: na

Attention: Tabitha Rudkin

Maxxam Analytics
4606 Canada Way
Burnaby, BC
V5G 1K5

Report Date: 2012/03/15

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B235986

Received: 2012/03/14, 09:48

Sample Matrix: Water
Samples Received: 1

<u>Analyses</u>	<u>Quantity</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Analyzed</u>	<u>Laboratory Method</u>	<u>Method</u> <u>Reference</u>
Total Cyanide	1	2012/03/14	2012/03/15	CAM SOP-00457	Ontario MOE CN-E3015

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
* Results relate only to the items tested.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

KEN POMEROY,
Email: kpomeroy@maxxam.ca
Phone# (905) 817-5700

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Total cover pages: 1

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Maxxam Analytics
 Client Project #: B220130

RESULTS OF ANALYSES OF WATER

Maxxam ID		MU4791	MU4791		
Sampling Date		2012/03/08	2012/03/08		
	Units	CX4509-05R \ X13	CX4509-05R \ X13 Lab-Dup	RDL	QC Batch
Inorganics					
Total Cyanide (CN)	mg/L	ND	ND	0.005	2789138

ND = Not detected
 RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch

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Package 1	1.0°C
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Each temperature is the average of up to three cooler temperatures taken at receipt

GENERAL COMMENTS

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QUALITY ASSURANCE REPORT

QC Batch	Parameter	Date	Matrix Spike		Spiked Blank		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2789138	Total Cyanide (CN)	2012/03/15	95	80 - 120	103	80 - 120	ND, RDL=0.005	mg/L	NC	25

N/A = Not Applicable

RDL = Reportable Detection Limit

RPD = Relative Percent Difference

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix to which a known amount of the analyte has been added. Used to evaluate analyte recovery.



Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (RPD): The RPD was not calculated. The level of analyte detected in the parent sample and its duplicate was not sufficiently significant to permit a reliable calculation.

Validation Signature Page

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The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

EWA PRANJIC, M.Sc., C.Chem, Scientific Specialist

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