

Your C.O.C. #: E-412690

Attention: Darren Gill
Field Turf
8088 Montview Road
Montréal, PQ
CANADA H4P2L7

Report Date: 2009/09/09

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: A944399
Received: 2009/09/03, 13:30

Sample Matrix: DRY SOLID
Samples Received: 3

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Disposal Charges	3	N/A	2009/09/03		
Metals by ICP	3	2009/09/05	2009/09/05	STL SOP-00006/7	MA.200- Mét 1.1

Encryption Key

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

LORENA DI BENEDETTO, B.Sc., Chemist, Project Manager
Email: LORENA.DIBENEDETTO@maxxamanalytics.com
Phone# (514) 448-9001 Ext:4262

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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. SCC and CALA have approved this reporting process and electronic report format.

For Service Group specific validation please refer to the Validation Signature Page

Field Turf

Maxxam Job #: A944399
Report Date: 2009/09/09

METALS (DRY SOLID)

Maxxam ID		I52082	I52082		I52083		
Sampling Date		2009/09/03	2009/09/03		2009/09/03		
COC Number		E-412690	E-412690		E-412690		
	Units	RUBBER	RUBBER Lab-Dup	RDL	FIBER	RDL	QC Batch

METALS							
Silver (Ag)	mg/kg	<2	<2	2	<3	3	657238
Arsenic (As)	mg/kg	<6	<6	6	<10	10	657238
Barium (Ba)	mg/kg	<5	<5	5	<9	9	657238
Cadmium (Cd)	mg/kg	<0.5	<0.5	0.5	<0.9	0.9	657238
Cobalt (Co)	mg/kg	9	10	2	<3	3	657238
Chromium (Cr)	mg/kg	<2	<2	2	<3	3	657238
Copper (Cu)	mg/kg	18	20	2	<3	3	657238
Tin (Sn)	mg/kg	<5	<5	5	<9	9	657238
Manganese (Mn)	mg/kg	4	4	1	<2	2	657238
Molybdenum (Mo)	mg/kg	<2	<2	2	<3	3	657238
Nickel (Ni)	mg/kg	<1	<1	1	<2	2	657238
Lead (Pb)	mg/kg	<5	5	5	<9	9	657238
Zinc (Zn)	mg/kg	910	940	10	<20	20	657238

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Field Turf

Maxxam Job #: A944399
Report Date: 2009/09/09

METALS (DRY SOLID)

Maxxam ID		I52084		
Sampling Date		2009/09/03		
COC Number		E-412690		
	Units	SAND	RDL	QC Batch

METALS				
Silver (Ag)	mg/kg	<2	2	657238
Arsenic (As)	mg/kg	<6	6	657238
Barium (Ba)	mg/kg	<5	5	657238
Cadmium (Cd)	mg/kg	<0.5	0.5	657238
Cobalt (Co)	mg/kg	<2	2	657238
Chromium (Cr)	mg/kg	<2	2	657238
Copper (Cu)	mg/kg	<2	2	657238
Tin (Sn)	mg/kg	<5	5	657238
Manganese (Mn)	mg/kg	<1	1	657238
Molybdenum (Mo)	mg/kg	<2	2	657238
Nickel (Ni)	mg/kg	<1	1	657238
Lead (Pb)	mg/kg	<5	5	657238
Zinc (Zn)	mg/kg	<10	10	657238

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Field Turf

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Report Date: 2009/09/09

GENERAL COMMENTS

Condition of sample(s) upon receipt: GOOD

METALS (DRY SOLID)

Please note that the results have not been corrected for QC recoveries nor for the method blank results.
Reported detection limits are multiplied by dilution factors used for sample analysis.
Please note that due to an insufficient amount of sample, a better detection limit cannot be reported.

Results relate only to the items tested.

Field Turf
Attention: Darren Gill
Client Project #:
P.O. #:
Project name:

Quality Assurance Report
Maxxam Job Number: A944399

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units
657238 KQ	QC STANDARD	Arsenic (As)	2009/09/05		84	%
		Barium (Ba)	2009/09/05		85	%
		Cobalt (Co)	2009/09/05		73 (1)	%
		Chromium (Cr)	2009/09/05		64	%
		Copper (Cu)	2009/09/05		79	%
		Manganese (Mn)	2009/09/05		88	%
		Nickel (Ni)	2009/09/05		76	%
		Lead (Pb)	2009/09/05		87	%
		Zinc (Zn)	2009/09/05		89	%
		Spiked Blank	Silver (Ag)	2009/09/05		97
	Arsenic (As)		2009/09/05		102	%
	Barium (Ba)		2009/09/05		96	%
	Cadmium (Cd)		2009/09/05		95	%
	Cobalt (Co)		2009/09/05		100	%
	Chromium (Cr)		2009/09/05		96	%
	Copper (Cu)		2009/09/05		94	%
	Tin (Sn)		2009/09/05		94	%
	Manganese (Mn)		2009/09/05		92	%
	Molybdenum (Mo)		2009/09/05		93	%
	Method Blank	Nickel (Ni)	2009/09/05		96	%
Lead (Pb)		2009/09/05		96	%	
Zinc (Zn)		2009/09/05		97	%	
Silver (Ag)		2009/09/05	<2		mg/kg	
Arsenic (As)		2009/09/05	<6		mg/kg	
Barium (Ba)		2009/09/05	<5		mg/kg	
Cadmium (Cd)		2009/09/05	<0.5		mg/kg	
Cobalt (Co)		2009/09/05	<2		mg/kg	
Chromium (Cr)		2009/09/05	<2		mg/kg	
Copper (Cu)		2009/09/05	<2		mg/kg	
Tin (Sn)	2009/09/05	<5		mg/kg		
Manganese (Mn)	2009/09/05	<1		mg/kg		
Molybdenum (Mo)	2009/09/05	<2		mg/kg		
Nickel (Ni)	2009/09/05	<1		mg/kg		
Lead (Pb)	2009/09/05	<5		mg/kg		
Zinc (Zn)	2009/09/05	<10		mg/kg		

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

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.

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

Validation Signature Page

Maxxam Job #: A944399

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

Steliana Calestru



STELIANA CALESTRU, B.Sc. Chemist, Analyst 2

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