

Your Project #: B5B3143
Your C.O.C. #: na

Attention:Debbie Nordbruget

Maxxam Analytics
4606 Canada Way
Burnaby, BC
V5G 1K5

Report Date: 2016/01/11
Report #: R3846570
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B601647

Received: 2016/01/06, 09:10

Sample Matrix: Water
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Reference
Glyphosate	1	2016/01/08	2016/01/09	CAM SOP-00305	HPLC in-house method

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Encryption Key

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

Andrea Rieth, Project Manager

Email: ARieth@maxxam.ca

Phone# (905)817-5787 Ext:5806

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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.

PESTICIDES & HERBICIDES BY HPLC (WATER)

Maxxam ID		BPO935		
Sampling Date		2015/12/22 09:30		
COC Number		na		
	UNITS	NW7830\COMM UNITY WELL #1	RDL	QC Batch
Glyphosate	ug/L	<10	10	4338885
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				

TEST SUMMARY

Maxxam ID: BPO935
Sample ID: NW7830\COMMUNITY WELL #1
Matrix: Water

Collected: 2015/12/22
Shipped:
Received: 2016/01/06

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Glyphosate	LC/FLU	4338885	2016/01/08	2016/01/09	Hanna Kloc

GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	2.7°C
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Results relate only to the items tested.

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
4338885	Glyphosate	2016/01/08	45 (1)	50 - 130	102	50 - 130	<10	ug/L	NC	40

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

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 sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

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

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (one or both samples < 5x RDL).

(1) The recovery was below the lower control limit. This may represent a low bias in some results for this specific analyte.

VALIDATION SIGNATURE PAGE

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




Ewa Pranjić, M.Sc., C.Chem, Scientific Specialist

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