



# Analytical Laboratories, Inc.

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Date Report Printed: 2/6/2015

Attn: INAM SIDDIQI  
INNOVATIVE MUNICIPAL U S  
78 ORCHARD RD  
AJAX, ON L1S 6L1, CANADA

Collected By:  
Submitted By: FED EX

Source of Sample:  
PROMELT ULTRA 2000 INH

Time of Collection: 15:00  
Date of Collection: 11/12/2014  
Date Received: 11/20/2014  
Report Date: 12/8/2014  
Field Temp: Temp Rcvd in Lab

PWS:

## Laboratory Analysis Report

Sample Number: 1446225

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
% Solid Passing #10 Sieve		> 99.0	%		PNS	12/3/2014	JH
100 percent passing the #10 sieve. Freezer temperature = 0 °F (-17.8 °C).							
Arsenic, As	< 1.0		mg/L	1.0	EPA 200.7	12/2/2014	KC
Barium, Ba	< 0.5		mg/L	0.5	EPA 200.7	12/2/2014	KC
Cadmium, Cd	< 0.05		mg/L	0.05	EPA 200.7	12/2/2014	KC
Chromium, Cr	< 0.5		mg/L	0.5	EPA 200.7	12/2/2014	KC
Copper, Cu	< 0.1		mg/L	0.1	EPA 200.7	12/2/2014	KC
Corrosion Rate, 3 Day, TSI Coupons	26.2		%		NACE PNS	12/5/2014	JH
Corrosion Rate Duplicate = 26.0%							
Freezer Settleable Solids	< 1.0		%	1.0	PNS	12/3/2014	JH
There was no precipitation or crystallization found from a one liter sample. There was no density felt at any level.							
Lead, Pb	< 0.5		mg/L	0.5	EPA 200.7	12/2/2014	KC
Magnesium Chloride	23.9		% wt		EPA 200.7	11/26/2014	KC
Mercury, Hg	< 0.02		mg/L	0.02	EPA 245.1	11/26/2014	JMS
Metals Digestion	*				SW 846 3050	11/24/2014	JMS
Selenium, Se	< 1.0		mg/L	1.0	EPA 200.7	12/2/2014	KC
Specific Gravity	1.2910		wt/vol		ASTM D 1429	12/2/2014	NC
Zinc, Zn	0.6		mg/L	0.1	EPA 200.7	12/2/2014	KC
Nitrate (as N)	< 10.0		mg/L	10.0	EPA 353.2	11/25/2014	CJS

MCL = Maximum Contamination Level  
MDL = Method/Minimum Detection Limit  
UR = Unregulated

## Laboratory Analysis Report

Sample Number: 1446225

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Ammonia, Distilled (as N)		4.2	mg/L	1.0	EPA 350.2	12/4/2014	CJS
Nitrite (as N)	<	0.5	mg/L	0.5	EPA 353.2	11/21/2014	CJS
Total Nitrogen	<	10	mg/L	10	Calculation	12/2/2014	DS
Total Phosphate (as P)		6	mg/L	5	EPA 365.4	11/25/2014	DS
Cyanide, Total	<	0.05	mg/L	0.05	EPA 335.4	12/4/2014	DS
pH, Deicer 1 + 4		6.2	S.U.		ASTM D1293	12/3/2014	NC

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Thank you for choosing Analytical Laboratories for your testing needs.  
If you have any questions concerning this report,  
please contact your client manager: **James Hibbs**