Analytical Laboratories, Inc.

1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515
http://www.analyticallaboratories.com

Date Report Printed: 3/2/2022

Attn: JEFFREY HICKS
INNOVATIVE SURFACE SOLUTIONS
454 RIVER ROAD
GLENMONT, NY 12077

Collected By: JEFF
Submitted By: FEDEX

Source of Sample:
2022 COA MAGIC-0 GL001-2022

Time of Collection: 12:00
Date of Collection: 2/1/2022
Date Received: 2/11/2022
Report Date: 3/2/2022

Field pH: Lab pH:
Field Temp: Temp Rcvd in Lab:

PWS:

Laboratory Analysis Report

Sample Number: 2207141

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
% Solid Passing #10 Sieve		> 99.0	%		PNS	2/25/2022	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	2/16/2022	JMS
Barium, Ba		0.8	mg/L	0.5	EPA 200.7	2/16/2022	JMS
Cadmium, Cd	<	0.05	mg/L	0.05	EPA 200.7	2/16/2022	JMS
Calcium Chloride		0.53	% wt	0.03	EPA 200.7	2/18/2022	JMS
Chromium, Cr	<	0.5	mg/L	0.5	EPA 200.7	2/16/2022	JMS
Copper, Cu		0.9	mg/L	0.1	EPA 200.7	2/16/2022	JMS
Corrosion Rate, 3 Day, TSI Coupons		11.1	%		NACE PNS	2/18/2022	JH
Corrosion Rate Duplicate = 10.8 %							
Freezer Settleable Solids	<	1.0	%	1.0	PNS	2/25/2022	JH
There was no visible precipitation or crystallization found from a dark brown one liter sample. There was no density felt at any level. Freezer temperature = 0 °F (-17.8 °C).							
Lead, Pb	<	0.5	mg/L	0.5	EPA 200.7	2/16/2022	JMS
Magnesium Chloride		21.5	% wt		PNS	2/28/2022	JMS
Mercury, Hg	<	0.02	mg/L	0.02	EPA 245.1	2/16/2022	JD
Metals Digestion		*			EPA 3050	2/15/2022	JR
Molybdenum, Mo	<	1.0	mg/L	1.0	EPA 200.7	2/16/2022	JMS

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

Email: jhicks/nriddell@innovativecompany.com

Laboratory Analysis Report

Sample Number: 2207141

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Potassium, K		0.92	% wt	0.01	EPA 200.7	2/18/2022	JMS
K as KCl = 1.75 % wt							
Selenium, Se	<	1.0	mg/L	1.0	EPA 200.7	2/16/2022	JMS
Silver, Ag	<	0.5	mg/L	0.5	EPA 200.7	2/16/2022	JMS
Sodium Chloride		0.31	% wt	0.03	EPA 200.7	2/18/2022	JMS
Specific Gravity		1.2949			ASTM D 1429	2/17/2022	JR
Zinc, Zn		1.8	mg/L	0.1	EPA 200.7	2/16/2022	JMS
Total Phosphate (as P)		191	mg/L	10	EPA 365.4	2/15/2022	DS
Chemical Oxygen Demand		183,000	mg/L	20	EPA 410.4	2/15/2022	JPH
Cyanide, Total	<	0.05	mg/L	0.05	EPA 335.4	2/16/2022	DS
pH, Deicer 1 + 4		4.3	S.U.		ASTM D1293	2/12/2022	LW
Biochemical Oxygen		106,000	mg/L	3	SM 5210 B	2/23/2022	EH
Total Dissolved Solids		413,000	mg/L	25	SM 2540 C	2/14/2022	BDM
Total Suspended Solids		6,480	mg/L	2	USGS I-3765	2/17/2022	EH

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

Email: jhicks/nriddell@innovativecompany.com

James Gibbs

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