

Baker Petrolite Calgary

ITEM	ANALYTE	RESULT BEFORE	SAMPLE 1		SAMPLE 2		SAMPLE 3		UNITS	DL	COMMENTS
			RESULT AFTER	% RED.	RESULT AFTER	% RED.	RESULT AFTER	% RED.			
1	Aluminum (Al)-Total	1.91	0.0112	99.4%	0.005	99.7%	0.005	99.7%	mg/L	0.005	
2	Antimony (Sb)-Total	0.00168	0.00093	44.6%	0.00062	63.1%	0.00017	89.9%		0.0001	
3	Arsenic (As)-Total	0.00206 <	0.00114	44.7%	0.00073	64.6%	0.00054	73.8%	mg/L	0.0001	
4	Barium (Ba)-Total	0.104 <	0.00928	91.1%	0.0185	82.2%	0.0837	19.5%	mg/L	0.00005	
5	Beryllium (Be)-Total	0.001	0.0005	50.0%	0.0005	50.0%	0.0005	50.0%	mg/L	0.0005	
6	Bismuth (Bi)-Total	NO DATA	0.0005		0.0005		0.0005		mg/L	0.0005	
7	Boron (B)-Total	0.051 <	0.049	3.9%	0.036	29.4%	0.585	-1047.1%	mg/L	0.01	BELOW DETECTABLE LIMITS
8	Cadmium (Cd)-Total	0.00049	0.00005	89.8%	0.00005	89.8%	0.00005	89.8%	mg/L	0.00005	
9	Calcium (Ca)-Total	21.9 <	21.7	0.9%	24.5	-11.9%	6.81	68.9%	mg/L	0.03	NO AFFECT
10	Chromium (Cr)-Total	0.0057 <	0.0005	91.2%	0.0005	91.2%	0.00056	90.2%	mg/L	0.0005	
11	Cobalt (Co)-Total	0.0024 <	0.00164	31.7%	0.00145	39.6%	0.0002	91.7%	mg/L	0.0001	
12	Copper (Cu)-Total	0.0228	0.0041	82.0%	0.00097	95.7%	0.0013	94.3%	mg/L	0.0001	
13	Lead (Pb)-Total	0.00711 <	0.0001	98.6%	0.0001	98.6%	0.0001	98.6%	mg/L	0.0001	
14	Lithium (Li)-Total	0.01	0.005	50.0%	0.005	50.0%	0.0608	-508.0%	mg/L	0.005	
15	Magnesium (Mg)-Total	2.71	4.28	-57.9%	2.5	7.7%	0.347	87.2%	mg/L	0.005	
16	Manganese (Mn)-Total	0.195	0.383	-96.4%	0.647	-231.8%	0.00588	97.0%	mg/L	0.0001	
17	Molybdenum (Mo)-Total	0.005 <	0.0165	-230.0%	0.0115	-130.0%	0.0179	-258.0%	mg/L	0.00005	
18	Nickel (Ni)-Total	0.023	0.0289	-25.7%	0.0198	13.9%	0.00997	56.7%	mg/L	0.0005	
19	Potassium (K)-Total	2.03	1.7	16.3%	1.59	21.7%	2.95	-45.3%	mg/L	0.05	
20	Selenium (Se)-Total	0.0004 <	0.001	-150.0%	0.001	-150.0%	0.001	-150.0%	mg/L	0.001	BELOW DETECTABLE LIMITS
21	Silver (Ag)-Total	0.0001 <	0.00001	90.0%	0.00001	90.0%	0.000059	41.0%	mg/L	0.00001	
22	Sodium (Na)-Total	8.3 <	6.89	17.0%	4.48	46.0%	163	-1863.9%	mg/L	0.05	NO AFFECT
23	Strontium (Sr)-Total	NO DATA	0.0488		0.0492		0.163		mg/L	0.0001	
24	Thallium (Tl)-Total	0.0001 <	0.0001	0.0%	0.0001	0.0%	0.0001	0.0%	mg/L	0.0001	BELOW DETECTABLE LIMITS
25	Tin (Sn)-Total	0.05	0.00027	99.5%	0.00011	99.8%	0.00043	99.1%	mg/L	0.0001	
26	Titanium (Ti)-Total	0.0273	0.001	96.3%	0.001	96.3%	0.001	96.3%	mg/L	0.001	
27	Uranium (U)-Total	0.00016	0.000028	82.5%	0.000011	93.1%	0.000012	92.5%	mg/L	0.00001	
28	Vanadium (V)-Total	0.008 <	0.001	87.5%	0.001	87.5%	0.001	87.5%	mg/L	0.001	
29	Zinc (Zn)-Total	0.605 <	0.0162	97.3%	0.0085	98.6%	0.005	99.2%	mg/L	0.005	
30	Zirconium (Zr)-Total	NO DATA	0.005		0.005		0.005		mg/L	0.005	

Provided by FSI Energy - November 22, 2011