



Wet Lab Test #2

4/9/2020

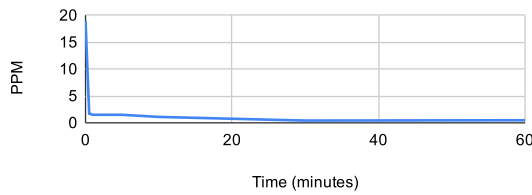
Method: Lead mixed in H2O at 22C. 100g of KMI Zeolite mixed with 1 litre solution. Non-pressurized.

KMI Zeolite Inc.

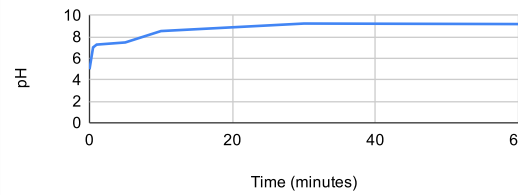
TOTAL ADSORBED

Time (minutes)	Lead PPM	pH	Temp C	% Difference	mg Lead (total)	mg	mg/g (zeolite)
0	19	4.98	21	-	19	-	
0.5	1.7	7.02	21	-91.05%	1.7	17.3	0.173
1	1.5	7.28	21	-11.76%	1.5	17.5	0.175
5	1.5	7.48	23	0.00%	1.5	17.5	0.175
10	1.1	8.54	23	-26.67%	1.1	17.9	0.179
30	0.42	9.24	23	-61.82%	0.42	18.58	0.1858
60	0.48	9.19	21	14.29%	0.48	18.52	0.1852

PPM vs. Time (minutes)



pH vs. Time (minutes)



Drinking water

15 ppb

0.015 PPM

65 micro grams

Next step

Higher concentration