



**CHEMTRADE ANALYTICAL SERVICES LABORATORY**  
**REPORT OF ANALYSIS**

To: BAY AREA CHEMICAL CONSORTIUM  
 cc: Beth Ryno

Lab. Log # 2121501-01

SAMPLES: Liquid Alum, Standard (hydrate)

ORIGIN: Baypoint

All analyses are reported as PPM unless stated otherwise

PARAMETER	Concentration	PARAMETER	Concentration
As	<2	% Al <sub>2</sub> O <sub>3</sub> (total by wt)	8.0
Ba	<1	% Free Al <sub>2</sub> O <sub>3</sub> (free by wt)	0.10
Be	<1	% Fe <sub>2</sub> O <sub>3</sub> (total soluble by wt)	0.002
Ca	19	% Insolubles (by wt)	<0.001
Cd	<1	Appearance	clear water white
Co	<1		
Cr	<1		
Cu	<1		
Fe	11		
Hg	<0.5		
K	6		
Mg	9		
Mn	<1		
Mo	<1		
Na	282		
Ni	<1		
P	2		
Pb	<1.5		
Sb	<1.5		
Se	<1		
Si	6		
Sn	<1		
Sr	<1		
Ti	2		
Tl	<1.5		
V	<1		
Zn	<1		
Zr	<1		

**NOTES:**

Product within specification for all parameters analyzed.

Analysts	Record	Report Date
Ana Ickes		4/24/2023
Stephanie Ulman	44944.649	BR 2/16/2024

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