

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Aluminum sulfate octadecahydrate,ACS,98.0-102.0%

ITEM NUMBER: A100193  
BRAND: Aladdin  
CAS NUMBER: 7784-31-8  
MDL NUMBER: MFCD00149136  
FORMULA: Al<sub>2</sub>O<sub>12</sub>S<sub>3</sub>.18H<sub>2</sub>O  
MOLECULAR WEIGHT: 666.43

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Calcium(Ca)	0 µg/mg /	0.01 µg/mg /	0.01 µg/mg /
Chloride(Cl)	0 %	0.005 %	0.005 %
heavy metals (as Pb)	0 %	0.001 %	0.001 %
Iron(Fe)	0 ppm	0.002 ppm	0.002 ppm
Insoluble matter in water	0 %	0.01 %	0.01 %
Magnesium(Mg)	0 %	0.002 %	0.002 %
Potassium(K)	0 %	0.005 %	0.005 %
Purity	98 %	102 %	102 %
Sodium(Na)	0 %	0.02 %	0.02 %
X-Ray Diffraction	Conforms to Structure		