

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-08 15:59:05
Date of Next Testing: 2028-10-07 15:59:05
Product Name: **Aluminum sulfate octadecahydrate**
CAS Number: 7784-31-8
Specifications & Purity: Ph. Eur.,BP,100-110%,51.0-59.0% Al₂(SO₄)₃ basis
Lot #: L2028011
SKU #: **A100192**
Version: **0**
Analysis #: **416096**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-20 (ppm)	0.00 ppm
Iron(ICP)	0-50 (ppm)	0.00 ppm
Ion chromatography(NH ₄ ⁺)	0-30 (ppm)	0.03 ppm
Assay(Al ₂ (SO ₄) ₂ -3)	51-59 (%)	54.89%
PH(2% in water, 20°C)	2.5-4	2.98
Alkali and alkalierath metals	0-0.2 (%)	0.13%
Titration by 0.1M EDTA	100-110 (%)	105.19%
Chloride (Cl ⁻)	0-50 (ppm)	0.00 ppm
(As)Arsenic	0-3 (ppm)	1.50 ppm
Appearance (A100192)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Residual solvents	complies	complies



John Su
QA & QC Manager