

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-08 13:17:04

Date of Next Testing: 2029-04-07 13:17:04

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 #: F2125209

SKU #: **A100192**

Version: **0**

Analysis #: **491273**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-20 (ppm)	9.00 ppm
Iron(ICP)	0-50 (ppm)	40.01 ppm
Ion chromatography(NH ₄ ⁺)	0-30 (ppm)	18.90 ppm
Assay(Al ₂ (SO ₄) ₂ ·3H ₂ O)	51-59 (%)	52.80 %
PH(2% in water, 20°C)	2.5-4	3.00
Alkali and alkalierath metals	0-0.2 (%)	0.01 %
Titration by 0.1M EDTA	100-110 (%)	100.60 %
Chloride (Cl ⁻)	0-50 (ppm)	20.00 ppm
(As)Arsenic	0-3 (ppm)	2.00 ppm
Appearance (A100192)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Residual solvents	complies	complies



John Su
QA & QC Manager