

Certificate of Analysis

Date of Testing: 2025-08-11 16:53:57
Date of Next Testing: 2029-08-10 16:53:57
Product Name: **Anhydrous gypsum**
CAS Number: 7778-18-9
Specifications & Purity: AR, ≥97%
Lot #: H2501190
SKU #: **A105242**
Version: **1**
Analysis #: **545179**
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
alkali metal and magnesium	0-0.5 (%)	0.10 %
Loss on drying(250°C,2h)	0-1 (%)	0.17 %
Insoluble matter in HCl	0-0.05 (%)	0.00 %
Ammonia (NH ₄)	0-0.03 (%)	0.01 %
Iron(Fe)	0-0.002 (%)	0.00 %
Chloride (Cl ⁻)	0-0.01 (%)	0.01 %
Assay	97-100 (%)	99.89 %
Appearance (A105242)	White to Off-White Powder	White to Off-White Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager