

Certificate of Analysis

Date of Testing: 2023-10-18 10:33:00

Date of Next Testing: 2027-10-17 10:33:00

Product Name: **Anhydrous gypsum**

CAS Number: 7778-18-9

Specifications & Purity: Analytical Reagent, 97.0%

Lot #: J2311195

SKU #: **A105242**

Analysis: **280987**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
alkali metal and magnesium	0-0.5 (%)	0.24 %
Loss on drying(250°C,2h)	0-1 (%)	0.62 %
Insoluble matter in HCl	0-0.05 (%)	0.01 %
Ammonia (NH ₄)	0-0.03 (%)	0.02 %
Iron(Fe)	0-0.002 (%)	0.00 %
Assay	97-100 (%)	99.98 %
Chloride (Cl ⁻)	0-0.01 (%)	0.00 %
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