

Certificate of Analysis

Date of Testing: 2025-03-03 09:31:47
 Date of Next Testing: 2029-03-02 09:31:47
 Product Name: **Calcium Sulfate Dihydrate**
 CAS Number: 10101-41-4
 Specifications & Purity: AR, ≥99%
 Lot #: B2528281
 SKU #: **C101878**
 Version: **1**
 Analysis #: **474623**
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Drying Loss(200°C,2h)	18-22 (%)	18.99 %
Sodium(Na)	0-0.02 (%)	0.00 %
Magnesium(Mg)	0-0.02 (%)	0.00 %
Chloride (Cl-)	0-0.005 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Strontium(Sr)	0-0.05 (%)	0.03 %
Heavy metal (as Pb)	0-0.002 (%)	0.00 %
Insoluble matter	0-0.02 (%)	0.02 %
Purity Titration by EDTA	99-100 (%)	99.80 %
Appearance (C101878)	White to Off-White Powder	White to Off-White Powder
Solubility,Colorless,Clear(2g+85mL H2O and 15mL 6mol/L HCl)	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
 QA & QC Manager