

Certificate of Analysis

Date of Testing: 2022-09-19 14:31:40

Date of Next Testing: 2026-09-18 14:31:40

Product Name: **Calcium Sulfate Dihydrate**

CAS Number: 10101-41-4

Specifications & Purity: Analytical Reagent,99%

Lot #: I2214461

SKU # **C101878**

Analysis: **111654**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Insoluble matter(C=3.3% in Dilute HCl)	0-0.02 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.00 %
Magnesium(Mg)	0-0.02 (%)	0.00 %
Chloride (Cl-)	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Strontium(Sr)	0-0.05 (%)	0.04 %
Heavy metal (as Pb)	0-0.002 (%)	0.00 %
Drying Loss(200°C,2h)	18-22 (%)	19.79 %
Potassium(K)	0-0.005 (%)	0.01 %
Purity Titration by EDTA	99-100 (%)	99.96 %
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