

Certificate of Analysis

Date of Testing: 2023-09-13 09:39:00

Date of Next Testing: 2027-09-12 09:39:00

Product Name: **Calcium Sulfate Dihydrate**

CAS Number: 10101-41-4

Specifications & Purity: ACS, 98.0-102.0%

Lot #: I2308373

SKU #: **C101881**

Analysis: **168006**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Drying Loss(200°C,2h)	18-22 (%)	18.99 %
Magnesium(Mg)	0-0.02 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Heavy metal (as Pb)	0-0.002 (%)	0.00 %
Strontium(Sr)	0-0.05 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Insoluble matter(C=3.3% in Dilute HCl)	0-0.02 (%)	0.00 %
Purity Titration by EDTA	98-102 (%)	100.84 %
Appearance (C101881)	White to Off-White Powder	White to Off-White Powder
(NO3)Nitrate	Passes test	Passes test
Carbonate	Passes test	Passes test
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager