

Certificate of Analysis

Date of Testing: 2022-05-31 10:09:55

Date of Next Testing: 2026-05-30 10:09:55

Product Name: **Calcium Sulfate Dihydrate**

CAS Number: 10101-41-4

Specifications & Purity: ACS, 98.0-102.0%

Lot #: E2223039

SKU #: **C101881**

Analysis: **082233**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Drying Loss(200°C,2h)	18-22 (%)	19.78 %
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 (%)	0.01 %
Sodium(Na)	0-0.02 (%)	0.01 %
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 (%)	98.67 %
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



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QA & QC Manager