

Certificate of Analysis

Date of Testing: 2024-10-22 15:02:29

Date of Next Testing: 2028-10-21 15:02:29

Product Name: **Calcium nitrate tetrahydrate**

CAS Number: 13477-34-4

Specifications & Purity: AR, ≥99%

Lot #: J2414628

SKU #: **C100072**

Version: **1**

Analysis #: **425200**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
PH	4-6	5.91
Ammonia (NH ₄)	0-0.005 (%)	0.01 %
Insoluble matter in H ₂ O	0-0.003 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Phosphate(PO ₄)	0-0.005 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.1 (%)	0.01 %
Alkali metals and magnesium(as MgO)	0-0.2 (%)	0.01 %
Iron(Fe)	0-0.0002 (ppm)	0.00 ppm
Barium(Ba)	0-0.005 (%)	0.00 %
Chloride (Cl ⁻)	0-0.003 (%)	0.00 %
Assay(Complexometric EDTA)	99-102.5 (%)	100.07 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager