

Certificate of Analysis

Date of Testing: 2023-03-21 14:40:50
Date of Next Testing: 2027-03-20 14:40:50
Product Name: **Calcium nitrate tetrahydrate**
CAS Number: 13477-34-4
Specifications & Purity: Analytical Reagent,99%
Lot #: C2318412
SKU #: **C100072**
Analysis: 202517
Storage Temperature: Desiccated

Parameter	Limit Values	Result
PH	4-6	5.00
Ammonia (NH ₄)	0-0.005 (%)	0.00 %
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 (%)	0.02 %
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 (%)	99.98 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager