

## Certificate of Analysis

Date of Testing: 2023-07-08 10:51:42  
Date of Next Testing: 2027-07-07 10:51:42  
Product Name: **Calcium nitrate tetrahydrate**  
CAS Number: 13477-34-4  
Specifications & Purity: Analytical Reagent,99%  
Lot #: F23171148  
SKU #: **C100072**  
**Analysis: 137828**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
PH	4-6	5.20
Ammonia (NH <sub>4</sub> )	0-0.005 (%)	0.00 %
Insoluble matter in H <sub>2</sub> O	0-0.003 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Phosphate(PO <sub>4</sub> )	0-0.005 (%)	0.00 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.1 (%)	0.07 %
Alkali metals and magnesium(as MgO)	0-0.2 (%)	0.04 %
Iron(Fe)	0-0.0002 (ppm)	0.00 ppm
Barium(Ba)	0-0.005 (%)	0.00 %
Chloride (Cl <sup>-</sup> )	0-0.003 (%)	0.00 %
Assay(Complexometric EDTA)	99-102.5 (%)	100.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager