

Certificate of Analysis

Date of Testing: 2022-09-13 18:43:10
Date of Next Testing: 2026-09-12 18:43:10
Product Name: **Calcium nitrate tetrahydrate**
CAS Number: 13477-34-4
Specifications & Purity: ACS
Lot #: I2202407
SKU #: **C100074**
Analysis: **115266**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Sodium(Na)	0-0.01 (%)	0.00 %
(NO2)Nitrate	0-0.001 (%)	0.00 %
Insoluble matter: (10% in H2O)	0-0.005 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	0.00 ppm
Chloride Content	0-0.005 (%)	0.00 %
Sulfate(SO42-)	0-0.002 (%)	0.00 %
Strontium(Sr)	0-0.05 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Purity Titration by EDTA	99-103 (%)	101.24 %
Magnesium(Mg)	0-0.05 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
PH(5% in water,25°C)	5-7	5.59
Barium(Ba)	0-0.005 (%)	0.00 %
Appearance (C100074)	White Powder or Crystals or Granules or Chunks	White Powder or Crystals or Granules or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager