

Certificate of Analysis

Date of Testing: 2023-08-21 14:54:21

Date of Next Testing: 2027-08-20 14:54:21

Product Name: **Calcium nitrate tetrahydrate**

CAS Number: 13477-34-4

Specifications & Purity: ACS

Lot #: H2309176

SKU #: **C100074**

Analysis: **253174**

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 (%)	100.09 %
Magnesium(Mg)	0-0.05 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
PH(5% in water,25°C)	5-7	6.58
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

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager