

Certificate of Analysis

Date of Testing: 2024-11-26 10:24:48

Date of Next Testing: 2028-11-25 10:24:48

Product Name: **Caesium sulfate**

CAS Number: 10294-54-9

Specifications & Purity: AR, ≥99.5%

Lot #: K2420295

SKU #: **C105054**

Version: **1**

Analysis #: **350777**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	99.5-100.5 (%)	100.46 %
Chromium(Cr)	0-5 (ppm)	0.00 ppm
Iron(Fe)	0-5 (ppm)	0.00 ppm
Manganese(Mn)	0-5 (ppm)	0.00 ppm
(Pb)Lead	0-5 (ppm)	0.00 ppm
Nickel(Ni)	0-5 (ppm)	0.00 ppm
Copper(Cu)	0-5 (ppm)	0.00 ppm
Sodium(Na)	0-200 (ppm)	23.53 ppm
Zinc(Zn)	0-5 (ppm)	0.00 ppm
Magnesium(Mg)	0-5 (ppm)	0.00 ppm
Chloride (Cl-)	0-20 (ppm)	3.00 ppm
Cadmium(Cd)	0-5 (ppm)	0.00 ppm
Cobalt(Co)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-200 (ppm)	50.08 ppm
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency
Appearance (C105054)	White Powder or Chunks	White Powder or Chunks



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager