

Certificate of Analysis

Date of Testing: 2024-09-11 17:50:24

Date of Next Testing: 2028-09-10 17:50:24

Product Name: **Caesium sulfate**

CAS Number: 10294-54-9

Specifications & Purity: Analytical Reagent,99.5%

Lot #: I2410433

SKU # **C105054**

Version **1**

Analysis #: **410321**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Chromium(Cr)	0-5 (ppm)	0.35 ppm
Iron(Fe)	0-5 (ppm)	1.20 ppm
Manganese(Mn)	0-5 (ppm)	0.69 ppm
Nickel(Ni)	0-5 (ppm)	2.50 ppm
(Pb)Lead	0-5 (ppm)	0.17 ppm
Copper(Cu)	0-5 (ppm)	0.30 ppm
Sodium(Na)	0-200 (ppm)	50.00 ppm
Zinc(Zn)	0-5 (ppm)	0.21 ppm
Magnesium(Mg)	0-5 (ppm)	0.18 ppm
Chloride (Cl-)	0-20 (ppm)	6.79 ppm
Cadmium(Cd)	0-5 (ppm)	0.00 ppm
Cobalt(Co)	0-5 (ppm)	0.60 ppm
Potassium(K)	0-200 (ppm)	35.20 ppm
Purity(Titration by HClO ₄)	99.5-100.5 (%)	100.00 %
Appearance (C105054)	White Powder or Chunks	White Powder or Chunks
Solubility in H ₂ O	Almost transparency	almost transparency
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".

John Su
QA & QC Manager