

## Certificate of Analysis

Date of Testing:	2021-10-18 13:40:24
Date of Next Testing:	2025-10-17 13:40:24
Product Name:	<b>Caesium sulfate</b>
CAS Number:	10294-54-9
Specifications & Purity:	Analytical Reagent,99.5%
Lot #:	J2113531
SKU #	<b>C105054</b>
<b>Analysis:</b>	<b>044209</b>
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Chromium(Cr)	0-5 (ppm)	2.00 ppm
Iron(Fe)	0-5 (ppm)	1.10 ppm
Manganese(Mn)	0-5 (ppm)	2.50 ppm
Nickel(Ni)	0-5 (ppm)	1.35 ppm
Purity(Neutralization titration)	99.5-100.5 (%)	99.50 %
(Pb)Lead	0-5 (ppm)	3.00 ppm
Copper(Cu)	0-5 (ppm)	1.10 ppm
Sodium(Na)	0-200 (ppm)	100.00 ppm
Zinc(Zn)	0-5 (ppm)	2.20 ppm
Magnesium(Mg)	0-5 (ppm)	4.00 ppm
Chloride (Cl-)	0-20 (ppm)	9.10 ppm
Cadmium(Cd)	0-5 (ppm)	2.00 ppm
Cobalt(Co)	0-5 (ppm)	3.10 ppm
Potassium(K)	0-200 (ppm)	90.11 ppm
Appearance (C105054)	White Powder or Chunks	White Powder or Chunks
Solubility in H2O	Almost transparency	almost transparency
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