

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-19 14:57:55

Date of Next Testing: 2028-09-18 14:57:55

Product Name: **Caesium hydroxide**

CAS Number: 35103-79-8

Specifications & Purity: ≥99.9% metals basis

Lot #: I2406452

SKU # **C105357**

Version **0**

Analysis #: **413228**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Cs ₂ CO ₃	0-5 (%)	1.23000 %
Purity(Titration by HCl)	96.5-100 (%)	97.62000 %
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.99220 %
Water by Karl Fischer	5-15 (%)	10.01300 %
Total Metallic Impuritie	0-1000 (ppm)	78.00000 ppm
Appearance (C105357)	White to off-white powder, needles and/or Chunks	White to off-white powder, needles and/or Chunks
ICP: Confirms Cerium Component	Confirmed	Confirmed
Solubility,Colorless and clear(5% in H ₂ O)	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager