

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-14 15:10:24

Date of Next Testing: 2029-04-13 15:10:24

Product Name: **Caesium hydroxide**

CAS Number: 35103-79-8

Specifications & Purity: $\geq 99.9\%$ metals basis

Lot #: C2531238

SKU #: **C105357**

Version: **0**

Analysis #: **497903**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Cs ₂ CO ₃	0-5 (%)	2.31000 %
Purity(Titration by HCl)	96.5-100 (%)	97.13000 %
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.99470 %
Water by Karl Fischer	5-15 (%)	10.16000 %
Total Metallic Impurities	0-1000 (ppm)	53.00000 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