

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-11 10:52:25

Date of Next Testing: 2027-12-10 10:52:25

Product Name: **Caesium hydroxide**

CAS Number: 35103-79-8

Specifications &amp; Purity: 99.9% metals basis

Lot #: K2329150

SKU #: **C105357****Analysis: 303119**

Parameter	Limit Values	Result
Cs <sub>2</sub> CO <sub>3</sub>	0-5 (%)	2.01 %
Purity(Titration by HCl)	96.5-100 (%)	98.72 %
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.98 %
Water by Karl Fischer	5-15 (%)	6.79 %
Total Metallic Impurities	0-1000 (ppm)	167.00 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 <sub>2</sub> O)	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su  
QA & QC Manager