

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-21 17:14:41  
Date of Next Testing: 2024-10-20 17:14:41  
Product Name: **Cesium hydroxide monohydrate**  
CAS Number: 35103-79-8  
Specifications & Purity: 99.95% metals basis  
Lot #: C1901005  
SKU #: **C105358**  
**Analysis: 147260**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by HCl)	96.5-100 (%)	99.49%
Purity(Based On Trace Metals Analysis)	99.95-100 (%)	99.99%
Total Metallic Impuritie	0-600 (ppm)	128.63 ppm
Cs <sub>2</sub> CO <sub>3</sub>	0-5 (%)	2.39%
Appearance (C105358)	White to off-white powder,crystal,needles and/or Chunk	White to off-white powder,crystal,needles and/or Chunk
Clear colorless solution(50mg/ml,water)	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP: Confirms Cesium Component	Confirmed	Confirmed



John Su  
QA & QC Manager