

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-23 11:39:21
Date of Next Testing: 2024-09-22 11:39:21
Product Name: **Cesium hydroxide monohydrate**
CAS Number: 35103-79-8
Specifications & Purity: 99.95% metals basis
Lot #: I2208280
SKU #: **C105358**
Analysis: 116373
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|--|--|
| Purity(Titration by HCl) | 96.5-100 (%) | 98.82 % |
| Purity(Based On Trace Metals Analysis) | 99.95-100 (%) | 99.99 % |
| Total Metallic Impuritie | 0-600 (ppm) | 91.00 ppm |
| Cs ₂ CO ₃ | 0-5 (%) | 3.72 % |
| Clear colorless solution(50mg/ml,water) | pass | Pass |
| ICP: Confirms Cesium Component | Confirmed | Confirmed |
| Appearance (C105358) | White to off-white powder,crystal,needles and/or Chunk | White to off-white powder,crystal,needles and/or Chunk |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager