

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-25 16:07:58  
Date of Next Testing: 2026-02-24 16:07:58  
Product Name: **Cesium hydroxide solution**  
CAS Number: 21351-79-1  
Specifications & Purity: 50 wt. % in H<sub>2</sub>O, 99% trace metals basis  
Lot #: B2321375  
SKU #: **C192038**  
**Analysis:** **191588**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99-100 (%)	100.00 %
Total Metallic Impuritie	0-10000 (ppm)	23.00 ppm
Cs <sub>2</sub> CO <sub>3</sub>	0-2.5 (%)	1.80 %
Assay	47-53 (%)	49.82 %
Appearance (C192038)	Colorless to light yellow liquid	Colorless to light yellow liquid
ICP: Confirms Cerium Component	Confirmed	Confirmed



John Su  
QA & QC Manager