

## Certificate of Analysis

Date of Testing: 2023-12-05 09:43:42  
Date of Next Testing: 2026-12-04 09:43:42  
Product Name: **Cesium hydroxide solution**  
CAS Number: 21351-79-1  
Specifications & Purity: 50 wt. % in H<sub>2</sub>O, 99.9% trace metals basis  
Lot #: K2324166  
SKU #: **C432316**  
**Analysis:** **292853**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.97 %
Total Metallic Impuritie Concentration(titration by HCl)	0-1000 (ppm) 47-53 (%)	314.00 ppm 50.47000 %
ICP: Confirms Cesium Component	Confirmed	Confirmed
Appearance(C432316)	Colorless to light yellow liquid	Colorless to light yellow liquid



John Su  
QA & QC Manager