

## Certificate of Analysis

Date of Testing: 2023-06-17 15:39:43  
 Date of Next Testing: 2027-06-16 15:39:43  
 Product Name: **Caesium hydroxide**  
 CAS Number: 35103-79-8  
 Specifications & Purity: 99.9% metals basis  
 Lot #: F2312830  
 SKU #: **C105357**  
**Analysis: 242857**

Parameter	Limit Values	Result
Cs <sub>2</sub> CO <sub>3</sub>	0-5 (%)	1.06 %
Purity(Titration by HCl)	96.5-100 (%)	99.79 %
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	100.00 %
Water by Karl Fischer	5-15 (%)	10.20 %
Total Metallic Impuritie	0-1000 (ppm)	31.00 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