

## Certificate of Analysis

Date of Testing: 2024-07-26 15:46:14  
Date of Next Testing: 2028-07-25 15:46:14  
Product Name: **Caesium hydroxide**  
CAS Number: 35103-79-8  
Specifications & Purity: 99.9% metals basis  
Lot #: G2415311  
SKU #: **C105357**  
Version: **0**  
Analysis #: **393681**

Parameter	Limit Values	Result
Cs <sub>2</sub> CO <sub>3</sub>	0-5 (%)	3.72 %
Purity(Titration by HCl)	96.5-100 (%)	98.82 %
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.95 %
Water by Karl Fischer	5-15 (%)	10.20 %
Total Metallic Impuritie	0-1000 (ppm)	500.00 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