

Certificate of Analysis

Date of Testing: 2024-11-29 11:44:20
Date of Next Testing: 2028-11-28 11:44:20
Product Name: **Calcium hydride**
CAS Number: 7789-78-8
Specifications & Purity: $\geq 98.5\%$ metals basis, excluding Mg, Mg < 1%
Lot #: K2426393
SKU #: **C108376**
Version: **0**
Analysis #: **432668**
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Trace Metal Analysis	0-15000 (ppm)	247.00 ppm
Mg by ICP Atomic emission	0-1 (%)	0.00 %
Purity(Based On Trace Metals Analysis)	98.5-100 (%)	99.98 %
Purity(total Ca)	98.5-101.5 (%)	98.56 %
Appearance (C108376)	white to grey powder or crystals	white to grey powder or crystals
ICP Major Analysis Confirmed	Confirmed to structure	Confirmed to structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager