

## Certificate of Analysis

Date of Testing: 2024-06-21 11:51:37  
Date of Next Testing: 2028-06-20 11:51:37  
Product Name: **Calcium hydride**  
CAS Number: 7789-78-8  
Specifications & Purity: 98.5% Metals Basis Excluding Mg, Mg < 1%  
Lot #: F2406524  
SKU #: **C108376**  
Version: **0**  
Analysis #: **361253**  
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Trace Metal Analysis	0-15000 (ppm)	434.00 ppm
Mg by ICP Atomic emission	0-1 (%)	0.00 %
Purity(Based On Trace Metals Analysis)	98.5-100 (%)	99.96 %
Purity(total Ca)	98.5-101.5 (%)	101.14 %
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