

## Certificate of Analysis

Date of Testing: 2024-05-31 14:32:31  
Date of Next Testing: 2028-05-30 14:32:31  
Product Name: **Calcium hydride**  
CAS Number: 7789-78-8  
Specifications & Purity: AR, ≥95%  
Lot #: E2416385  
SKU #: **C108375**  
Version: **0**  
Analysis #: **333720**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(Hydrogen Evolution)	94-106 (%)	97.36 %
Hydrogen by Elemental Analysis	4-4.9 (%)	4.11 %
Appearance (C108375)	Powder, Crystals and/or Chunks	Powder, Crystals and/or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager