

## Certificate of Analysis

Date of Testing: 2024-08-05 17:11:27  
Date of Next Testing: 2028-08-04 17:11:27  
Product Name: **Calcium hydride**  
CAS Number: 7789-78-8  
Specifications & Purity: AR, ≥95%  
Lot #: G2429311  
SKU #: **C108375**  
Version: **0**  
Analysis #: **396032**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Hydrogen by Elemental Analysis	4-4.9 (%)	4.50 %
Purity(Hydrogen Evolution)	94-106 (%)	99.03 %
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