

## Certificate of Analysis

Date of Testing: 2024-11-29 14:05:09  
Date of Next Testing: 2028-11-28 14:05:09  
Product Name: **Calcium hydride**  
CAS Number: 7789-78-8  
Specifications & Purity: AR, ≥95%  
Lot #: K2426392  
SKU #: **C108375**  
Version: **0**  
Analysis #: **441922**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Hydrogen by Elemental Analysis	4-4.9 (%)	4.44 %
Purity(Hydrogen Evolution)	94-106 (%)	99.98 %
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