

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-11 19:08:29
Date of Next Testing: 2030-06-10 19:08:29
Product Name: **Calcium hydride**
CAS Number: 7789-78-8
Specifications & Purity: ≥98.5% metals basis, excluding Mg,Mg <1%
Lot #: F2610591
SKU #: **C108376**
Version: **0**
Analysis #: **715788**
Storage Temperature: Room temperature,Argon charged,Desiccated

| Parameter | Limit Values | Result |
|--|----------------------------------|----------------------------------|
| Trace Metal Analysis | 0-15000 (ppm) | 1213.00000 ppm |
| Mg by ICP Atomic emission | 0-1 (%) | 0.04100 % |
| Purity(Based On Trace Metals Analysis) | 98.5-100 (%) | 99.87870 % |
| Purity(total Ca) | 98.5-101.5 (%) | 100.48000 % |
| 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