

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-15 18:59:35

Date of Next Testing: 2029-09-14 18:59:35

Product Name: **Calcium hydride**

CAS Number: 7789-78-8

Specifications & Purity: AR, ≥95%

Lot #: I2511272

SKU # **C108375**

Version **0**

**Analysis #:** **578830**

Storage Temperature: Room temperature, Desiccated

| Parameter                      | Limit Values                   | Result                         |
|--------------------------------|--------------------------------|--------------------------------|
| Hydrogen by Elemental Analysis | 4-4.9 (%)                      | 4.50000 %                      |
| Purity(Hydrogen Evolution)     | 94-106 (%)                     | 98.51000 %                     |
| 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