

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2022-02-26 11:56:57  
Date of Next Testing: 2026-02-25 11:56:57  
Product Name: **Calcium hydride**  
CAS Number: 7789-78-8  
Specifications & Purity: 98.5% Metals Basis Excluding Mg, Mg < 1%  
Lot #: B2216277  
SKU #: **C108376**  
Analysis: **063314**

| Parameter                              | Limit Values                     | Result                           |
|----------------------------------------|----------------------------------|----------------------------------|
| Trace Metal Analysis                   | 0-15000 (ppm)                    | 3409.00000 ppm                   |
| Mg by ICP Atomic emission              | 0-1 (%)                          | 0.04000 %                        |
| Purity(Based On Trace Metals Analysis) | 98-100 (%)                       | 99.65910 %                       |
| Purity(total Ca)                       | 98.5-101.5 (%)                   | 98.53000 %                       |
| 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