

Certificate of Analysis

Date of Testing: 2022-10-13 16:16:09
Date of Next Testing: 2026-10-12 16:16:09
Product Name: **Calcium hydride**
CAS Number: 7789-78-8
Specifications & Purity: 98.5% Metals Basis Excluding Mg, Mg < 1%
Lot #: J2210261
SKU #: **C108376**
Analysis: **136305**
Storage Temperature: Argon charged, Desiccated

| Parameter | Limit Values | Result |
|--|----------------------------------|----------------------------------|
| Trace Metal Analysis | 0-15000 (ppm) | 137.00 ppm |
| Mg by ICP Atomic emission | 0-1 (%) | 0.01 % |
| Purity(Based On Trace Metals Analysis) | 98-100 (%) | 99.99 % |
| Purity(total Ca) | 98.5-101.5 (%) | 101.49 % |
| 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