

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

Certificate of Analysis

Date of Testing: 2025-12-23 13:58:35
Date of Next Testing: 2029-12-22 13:58:35
Product Name: **Calcium hydride**
CAS Number: 7789-78-8
Specifications & Purity: $\geq 98.5\%$ metals basis, excluding Mg, Mg < 1%
Lot #: L2515561
SKU #: **C108376**
Version: **0**
Analysis #: **615072**
Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Trace Metal Analysis	0-15000 (ppm)	5160.00000 ppm
Mg by ICP Atomic emission	0-1 (%)	0.14000 %
Purity(total Ca)	98.5-101.5 (%)	100.38000 %
Purity(Based On Trace Metals Analysis)	98.5-100 (%)	99.48400 %
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