

## Certificate of Analysis

Date of Testing: 2024-09-25 12:44:08  
Date of Next Testing: 2026-09-25 12:44:08  
Product Name: **Calcium carbide**  
CAS Number: 75-20-7  
Specifications & Purity: 72-82%, Particle size ≤ 40mm  
Lot #: I2419467  
SKU #: **C194903**  
Version: **1**  
Analysis #: **409842**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Particle size	≤ 40(mm)	8.00 mm
Assay (CaO)	12 - 23 (%)	20.10000 %
Assay (CaC <sub>2</sub> )	72-82 (%)	78.20000 %
Assay	72-82 (%)	78.20 %
Appearance (C194903)	Grey to Black Lump or Powder	Grey to Black Lump or Powder
ICP: Confirms Calcium Component	Confirmed	Confirmed



John Su  
QA & QC Manager