

## Certificate of Analysis

Date of Testing: 2022-10-11 11:51:10  
Date of Next Testing: 2025-10-10 11:51:10  
Product Name: **ortho-carborane**  
CAS Number: 16872-09-6  
Specifications & Purity: 97%  
Lot #: I2222977  
SKU #: **O174902**  
**Analysis: 114052**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(NMR)	97-100 (%)	99.04 %
Carbon	15.7-17 (%)	16.56 %
Boron NMR Spectra	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager