



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-297923  
Lot Number: SAMPLE  
Product Name: 1,3-Bis(dicyclohexylphosphino)propane bis(tetrafluoroborate)  
CAS Number: 1002345-50-7  
Molecular Formula:  $C_{27}H_{50}P_2 \cdot 2HBF_4$   
Molecular Weight: 612.26

| Test                               | Specification             | Result       |
|------------------------------------|---------------------------|--------------|
| Appearance                         | White to yellow powder    | White powder |
| Identification (1H-NMR)            | Consistent with structure | Complies     |
| Identification (31P-NMR)           | Consistent with structure | Complies     |
| Identification (Infrared Spectrum) | Consistent with structure | Complies     |
| Carbon Content                     | 51.1 - 54.8%              | 53.4%        |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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