



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-476337  
Lot Number: SAMPLE  
Product Name: Pyraclostrobin-d6  
CAS Number: 175013-18-0 unlabeled  
Molecular Formula:  $C_{19}H_{12}D_6ClN_3O_4$   
Molecular Weight: 393.85  
Native Source: Synthetic

| Test                               | Specification             | Result                                   |
|------------------------------------|---------------------------|------------------------------------------|
| Appearance                         | Colourless sticky oil     | Clear colourless sticky oil              |
| Identification (NMR)               | Consistent with structure | Complies                                 |
| Identification (Mass Spectrometry) | Consistent with structure | Complies                                 |
| Isotopic Purity                    | > 95%                     | 98.50%                                   |
| Purity (TLC)                       |                           | 97%                                      |
| Solubility                         |                           | ~3 mg/mL in DMSO<br>~2 mg/mL in Methanol |
| Carbon Content                     | 56.5 - 58.9%              | 57.40%                                   |
| Dichloromethane                    |                           | 1.2%                                     |
| Ethyl Acetate                      |                           | 1.9%                                     |
| Hydrogen Content                   | 4.1 - 5.3%                | 4.91%                                    |
| Nitrogen Content                   | 9.9 - 11.3%               | 10.13%                                   |

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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