



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-210872  
Lot Number: SAMPLE  
Product Name: Benzoic acid-d5  
CAS Number: 1079-02-3  
Molecular Formula:  $C_7HD_5O_2$   
Molecular Weight: 127.15

| Test                              | Specification                                     | Result       |
|-----------------------------------|---------------------------------------------------|--------------|
| Appearance                        | White powder                                      | Complies     |
| Identification (D-NMR)            | Consistent with structure and purity verification | Complies     |
| Identification ( $^1H$ -NMR - FT) | Consistent with structure and purity verification | Complies     |
| Purity (GC)                       | $\geq 99\%$                                       | 99.9%        |
| Purity (Mass Spectroscopy)        | $\geq 99$ atom% D                                 | 99.6 atom% D |
| Water Content                     | $\leq 0.5\%$                                      | 0.28%        |

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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