



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-253728  
Lot Number: SAMPLE  
Product Name: trans-Cinnamic acid- $\beta$ ,2,3,4,5,6-d6  
CAS Number: 91453-04-2  
Molecular Formula:  $C_9H_2D_6O_2$   
Molecular Weight: 154.20

| Test                         | Specification                        | Result           |
|------------------------------|--------------------------------------|------------------|
| Appearance                   | White powder                         | Complies         |
| Identification (D-NMR)       | Consistent with structure and purity | Complies         |
| Identification (1H-NMR - FT) | Consistent with structure and purity | Complies         |
| Purity (1H-NMR - FT)         | $\geq 98.0$ atom% D                  | 99.1 atom% D     |
| Purity (HPLC)                | $\geq 99\%$                          | 99.9%            |
| Melting Point                |                                      | 133.6 - 133.9 °C |
| Water Content                | $\leq 0.5\%$                         | 0.1%             |

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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