



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-236806  
Lot Number: SAMPLE  
Product Name: (S)-2-Azido-3-phenylpropionic acid (dicyclohexylammonium) salt  
CAS Number: 79410-36-9  
Molecular Formula:  $C_9H_9N_3O_2 \cdot C_{12}H_{23}N$   
Molecular Weight: 372.50

| Test                                  | Specification                          | Result                        |
|---------------------------------------|----------------------------------------|-------------------------------|
| Appearance                            | White to off- white powder or crystals | White crystals                |
| Identification (1H-NMR)               | Consistent with structure              | Complies                      |
| Purity (HPLC)                         | $\geq 98.0\%$                          | 99.6%                         |
| Purity (Sodium Hydroxide Titration)   | 98.0 - 102.0%                          | 98.4%                         |
| Specific Rotation ( $\alpha_{20/D}$ ) | $-44.0 \pm 2.0^\circ$ (c = 1 Ethanol)  | $-44.3^\circ$ (c = 1 Ethanol) |

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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