



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-478602
Lot Number: SAMPLE
Product Name: 1,2-Phenylenediamine-d8
CAS Number: 1219798-78-3
Molecular Formula: $C_6D_8N_2$
Molecular Weight: 116.19

Test	Specification	Result
Appearance		Light orange to beige solid
Identification (1H-NMR)	Consistent with structure	Complies
Identification (13C-NMR)	Consistent with structure	Complies
Isotopic Purity		> 96% by NMR
Purity (TLC)		98%
Melting Point		101 - 103 °C
Carbon Content	62.02%	61.94%
Hydrogen Content	6.94%	6.74%
Nitrogen Content	24.11%	23.71%

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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