



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-253235
Lot Number: SAMPLE
Product Name: Palmitic acid-d31
CAS Number: 39756-30-4
Molecular Formula: $C_{16}D_{31}HO_2$
Molecular Weight: 287.62

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
Identification (LCMS)	Consistent with structure verification	Complies
LCMS	≥ 98 atom% D	99.5 atom% D
Purity (GC)	$\geq 99\%$	99.5%
Melting Point		58.8 - 58.9 °C

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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