



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-475469
Lot Number: SAMPLE
Product Name: Trimethylsulfoxonium-d9 Iodide
CAS Number: 23726-00-3
Molecular Formula: C_3D_9IOS
Molecular Weight: 229.13
Native Source: Synthetic

Test	Specification	Result
Appearance	White to off-white solid	White solid
Identification (NMR)	Consistent with structure	Complies
Identification (^{13}C -NMR)	Consistent with structure	Complies
Isotopic Purity	> 95%	> 95% by NMR
Purity (TLC)		96%
Carbon Content	15.73%	15.89%
Hydrogen Content	3.96%	3.88%
Iodide		56.34% by Ion Chromatography
Sulfur Content	13.99%	14.00%

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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