



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-480761
Lot Number: SAMPLE
Product Name: (2-Acetyl-4-methylpentyl)trimethylammonium Iodide
CAS Number: 1069-62-1
Molecular Formula: $C_{11}H_{24}INO$
Molecular Weight: 313.22
Native Source: Synthetic

Test	Specification	Result
Appearance		White solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (TLC)		98%
Atmosphere		Inert gas
Melting Point		181 - 183 °C
Solubility		DMSO (slightly), Methanol (slightly)
Carbon Content	42.18%	42.35%
Hydrogen Content	7.22%	7.78%
Iodide		40.54% (by Ion Chromatography)
Nitrogen Content	4.47%	4.44%

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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