



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-229164
Lot Number: SAMPLE
Product Name: S-tert-Butyl chlorothioformate
CAS Number: 13889-95-7
Molecular Formula: C_5H_9ClOS
Molecular Weight: 152.64

Test	Specification	Result
Appearance	Colorless to yellow liquid	Colorless liquid
Identification (1H -NMR)		Consistent with structure
Identification (^{13}C -NMR)		Consistent with structure
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)	$\geq 95.5\%$	97.8%
Purity (Silver Nitrate Titration)		100.6% (after oxygen combustion)
Refractive Index ($n_{20/D}$)		1.4727

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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