



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-232899
Lot Number: SAMPLE
Product Name: 4-Methylthiophene-2-carbonyl chloride
CAS Number: 32990-47-9
Molecular Formula: C_6H_5ClOS
Molecular Weight: 160.62

Test	Specification	Result
Appearance		Colorless liquid
Identification (1H -NMR)	Consistent with structure	Complies
Identification (^{13}C -NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)		98.3%
Purity (Titration)		101.9% (with $AgNO_3$ after oxygen combustion)
Refractive Index ($n_{20/D}$)		1.5808

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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