



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-233424
Lot Number: SAMPLE
Product Name: 5-Nitro-2-thiophenecarboxaldehyde
CAS Number: 4521-33-9
Molecular Formula: $C_5H_3NO_3S$
Molecular Weight: 157.15

Test	Specification	Result
Appearance	Yellow to brown crystals or crystalline powder	Complies
Identification (FTIR)		Consistent with structure
Identification (1H -NMR)		Consistent with structure
Identification (GC/MS)		Consistent with structure
Purity (GC)	$\geq 98\%$	99.4%
Melting Point	72 - 76 °C	Complies

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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