



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-311506
Lot Number: SAMPLE
Product Name: (Nitromethyl)benzene
CAS Number: 622-42-4
Molecular Formula: $C_7H_7NO_2$
Molecular Weight: 137.14

Test	Specification	Result
Appearance	Orange to brown oil or liquid	Orange oil
Identification (1H -NMR)	Consistent with structure	Complies
Identification (^{13}C -NMR)	Consistent with structure	Complies
Purity (1H -NMR)	> 94%	> 97%
Purity (GC)	> 94%	97.3%
Solution (Clarity)	Forms a clear yellow to pale brown solution in chloroform, no particulates	Forms a clear yellow solution in chloroform, no particulates
Water Content (KF)	< 2.5%	None

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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