



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-487700
Lot Number: SAMPLE
Product Name: 2-Methyl-3-(p-isopropylphenyl)propionaldehyde
CAS Number: 103-95-7
Molecular Formula: $C_{13}H_{18}O$
Molecular Weight: 190.29

Test	Specification	Result
Appearance	Colorless to pale yellow liquid	Colorless liquid
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)	$\geq 95.0\%$	98.2%
Solubility	Clear colorless to faint yellow solution at 1 mL/3mL in 80% Ethanol	Clear colorless solution
Specific Gravity	0.946 - 0.952	0.948
Refractive Index (n _{20/D})	1.503 - 1.508	1.505
Acid Value	≤ 5.0 ml	1.6 ml
Arsenic	≤ 3.0 ppm	< 1.0 ppm
Cadmium	≤ 1.0 ppm	< 1.0 ppm
Lead	≤ 10.0 ppm	< 1.0 ppm
Mercury	≤ 1.0 ppm	< 1.0 ppm

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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