



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-485237
Lot Number: SAMPLE
Product Name: Amyl Hexanoate
CAS Number: 540-07-8
Molecular Formula: $C_{11}H_{22}O_2$
Molecular Weight: 186.30

Test	Specification	Result
Appearance	Colorless liquid	Complies
Identification (1H-NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)	$\geq 98.0\%$	99.86%
Residual Solvents (GC)	$\leq 0.388\%$ (Cyclohexane content)	$< 0.007\%$
Color (APHA)	< 100	$0 < X < 10$
Refractive Index (n _{20/D})	1.418 - 1.422	1.421
Acid Value	≤ 1.0 ml	0.9 ml
Arsenic	≤ 3 ppm	< 1 ppm
Cadmium	≤ 1 ppm	< 1 ppm
Lead	≤ 10 ppm	< 1 ppm
Mercury	≤ 1 ppm	< 1 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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