



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-300798A  
Lot Number: SAMPLE  
Product Name: Hexane, mixture of isomers  
CAS Number: 92112-69-1  
Molecular Formula:  $C_6H_{14}$   
Molecular Weight: 86.18

Test	Specification	Result
Appearance	Colorless liquid	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)	$\geq 98.50\%$ A (sum of isomers) plus Methylcyclopentane	99.97% A
Residue on evaporation	$\leq 0.0005\%$	$< 0.0001\%$
Absorbance	$\leq 0.01$ at 400 nm $\leq 0.01$ at 250 nm $\leq 0.02$ at 240 nm $\leq 0.05$ at 230 nm $\leq 0.10$ at 220 nm $\leq 0.30$ at 210 nm $\leq 1.0$ at 195 nm	$< 0.01$ $< 0.01$ 0.01 0.02 0.04 0.13 0.5
Refractive Index (n <sub>20/D</sub> )	1.377 - 1.382	1.380
Water Content (KF)	$\leq 0.02\%$	$< 0.01\%$

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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