



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-489441  
Lot Number: SAMPLE  
Product Name: cis-3-Hexenal  
CAS Number: 6789-80-6  
Molecular Formula:  $C_6H_{10}O$   
Molecular Weight: 98.14

Test	Specification	Result
Appearance	Colorless to faint yellow liquid	Colorless liquid
Identification (Infrared Spectrum)		Complies
Color (APHA)	$\leq 300$ APHA	150 APHA
Refractive Index (n <sub>20/D</sub> )	1.430 - 1.442	1.435
Impurity	Alpha-Tocopherol: 0.02 - 0.25%	0.14%
Titration	Titration with Hydroxylamine: 45.0 - 55.0 M	46.9 M
Arsenic	$\leq 3$ ppm	< 1 ppm
Cadmium	$\leq 1$ ppm	< 1 ppm
Lead	$\leq 10$ ppm	< 1 ppm
Mercury	$\leq 1$ 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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