



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-252620  
Lot Number: SAMPLE  
Product Name: Citral  
CAS Number: 5392-40-5  
Molecular Formula:  $C_{10}H_{16}O$   
Molecular Weight: 152.23

Test	Specification	Result
Appearance (Color)	Colorless to yellow	Faint yellow
Appearance (Form)	Liquid	Complies
Identification (Infrared Spectrum)		Consistent with structure
Purity (GC)	$\geq 96.0\%$ (Sum of isomers Neral and Geranial)	96.0%
Solubility	Clear, colorless to very faint yellow solution at 1ml/7ml in 70% EtOH	Clear, very faint yellow solution
Specific Gravity	0.885 - 0.891	0.887
Color (APHA)	$\leq 500$	Complies
Refractive Index (n <sub>20</sub> /D)	1.486 - 1.490	1.489
Related Substances	Organoleptics	Pass
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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