

Certificate of Analysis

CITRAL

Product Name	Citral
INCI Name	Citral
Chemical Name	3,7-Dimethyl-2,6-octadienal
CAS No.	5392-40-5
EC No.	226-394-6
Molecular Formula	C ₁₀ H ₁₆ O
Molecular Weight	152.24 g/mol
Product Type	Aroma Chemical / Fragrance Ingredient
Grade	Perfumery / Cosmetic Grade
Lot Number:	BPCCAC102026
Expiry Date:	October 2030
Origin:	India

Test Item	Specification	Result
Appearance	Clear, colorless to pale yellow liquid	Conforms*
Odor	Characteristic strong, fresh, lemon/citrus-like	Conforms*
Assay / Purity (GC)	≥95.0%	Conforms*
Specific Gravity @ 20°C	0.885–0.895	Conforms*
Refractive Index @ 20°C	1.486–1.490	Conforms*
Boiling Point	Approx. 228–229°C	Conforms*
Solubility in Water	Slightly soluble / practically insoluble	Conforms*
Solubility in Alcohol	Soluble	Conforms*
Color	Colorless to pale yellow	Conforms*
Identification	Conforms to reference standard	Conforms*

Organoleptic Profile: Strong • Fresh • Lemon-like • Citrus • Clean

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Botanic Planet Canada Inc. 2 Bram Court, Unit # 3-4 Brampton, Ontario, L6W 3R6 Canada

Email: info@botanicplanet.ca www.botanicplanet.ca