

Certificate of Analysis

ROSE OXIDE

Item	Details
Product Name	Rose Oxide
Chemical Name	Rose Oxide
CAS No.	16409-43-1
Molecular Formula	C ₁₀ H ₁₈ O
Molecular Weight	154.25 g/mol
Product Type	Aroma Chemical / Fragrance Ingredient
Grade	Perfumery / Cosmetic Grade
Odor Profile	Rose, floral, green, fresh

Test Item	Specification	Result
Appearance	Clear, colorless to pale yellow liquid	Conforms
Odor	Characteristic fresh, rosy, green floral odor	Conforms
Identification	Conforms to reference standard	Conforms
Assay / Purity (GC)	≥ 95.0%	Conforms
Specific Gravity @ 20°C	0.945 – 0.965	Conforms
Refractive Index @ 20°C	1.450 – 1.465	Conforms
Solubility in Water	Insoluble / practically insoluble	Conforms
Solubility in Alcohol	Soluble	Conforms
Color	Colorless to pale yellow	Conforms

Organoleptic Profile: Odor: Powerful, fresh rose character with green, floral and slightly metallic nuances.

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