

Certificate of Analysis (COA)

Aldehyde C-10 (Decanal)

Product Name: Aldehyde C-10 (Decanal)
Chemical Name: Decanal
Synonyms: Decyl Aldehyde, Capric Aldehyde, Aldehyde C-10
CAS No.: 112-31-2
EC No.: 203-957-4
Molecular Formula: C₁₀H₂₀O
Molecular Weight: 156.27 g/mol
Grade: Cosmetic / Fragrance Grade
Lot Number: BPCAC10102026
Expiry Date: October 2031
Origin: India

Test Item	Specification	Result
Appearance	Colorless to pale yellow clear liquid	Conforms
Odor	Strong, fresh, citrus, waxy, aldehydic	Conforms
Identification	Characteristic of Decanal	Conforms
Purity (GC)	≥ 98.0%	To be confirmed
Specific Gravity @ 25°C	0.827 – 0.835	To be confirmed
Refractive Index @ 20°C	1.425 – 1.432	To be confirmed
Solubility in Water	Insoluble / practically insoluble	Conforms
Solubility in Alcohol	Soluble	Conforms
Color	Colorless to pale yellow	Conforms

Odor Family: Aldehydic / Citrus

Odor Description: Powerful, fresh and diffusive aldehydic aroma with orange-peel, citrus, waxy and slightly floral characteristics.

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