

Certificate of Analysis (COA)

Damascone Beta

Product Name: Damascone Beta

Chemical Name: (E)-1-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-2-buten-1-one

Synonyms: Beta-Damascone, (E)- β -Damascone, Trans-Beta-Damascone

CAS No.: 23726-91-2

EC / EINECS No.: 245-842-1

Molecular Formula: C₁₃H₂₀O

Molecular Weight: 192.30 g/mol

Lot Number: BPCDB112026

Expiry: November 2031

Origin: India

Test Item	Specification	Result
Appearance	Colorless to pale yellow liquid	Conforms
Odor	Fruity, floral, rosy, berry, plum, honey-like	Conforms
Purity (GC), sum of isomers	≥95.0%	Conforms
Specific Gravity @ 20°C	0.933 – 0.943	Conforms
Refractive Index @ 20°C	1.495 – 1.501	Conforms
Flash Point	>100°C	Conforms
Identification	Characteristic of β -Damascone	Conforms

Odor Family: Fruity / Floral / Rosy

Character: Rich, fruity, floral, berry-like, plum, blackcurrant, honey, rose and subtle tobacco nuances.

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