



CERTIFICATE OF ANALYSIS (COA)

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BRAHMANOL®

PRODUCT IDENTIFICATION

Parameter	Details
Product Name	Brahmanol®
Manufacturer	Symrise AG
Product Number	100204
Chemical Name	β ,2,2,3-Tetramethylcyclopent-3-ene-1-butanol
CAS Number	72089-08-8
Molecular Formula	C ₁₃ H ₂₄ O
Molecular Weight	196.3 g/mol
Chemical Class	Alcohol
Odour Family	Woody / Sandalwood
Function	Sandalwood Replacer / Woody Aroma Chemical
EU REACH:	01-2120739157-51

QUALITY SPECIFICATION

Test Parameter	Specification
Appearance	Clear liquid
Colour	Colourless
Odour	Characteristic woody / sandalwood
Identification	Conforms to reference
GC Purity	Minimum 90.0%
Molecular Weight	196.3 g/mol
Boiling Point	272.6 °C
Flash Point	>100 °C
Log P (Kow)	4.73



Stabilizer	None
Occurrence in Nature	No
Renewable Factor	69.2%
Chemical Class	Alcohol

ORGANOLEPTIC PROFILE

Odour: Woody / Sandalwood

Brahmanol® provides a:

- Soft sandalwood character
- Creamy woody effect
- Warm, smooth body
- Tenacious sandalwood drydown
- Naturalistic sandalwood reconstruction effect

It is particularly useful for rebuilding the creamy woody character associated with natural sandalwood oil.

RECOMMENDED PERFUMERY USE

0.5–10%

Symrise recommends Brahmanol® at approximately 0.5–10% depending on the fragrance application and desired olfactory effect.

This is an olfactory/formulation recommendation and should not be interpreted as an IFRA maximum concentration.

REPRESENTATIVE APPLICATION PERFORMANCE

Symrise publishes the following example dosage levels in stability testing:

Application	Test Dosage
Eau de Toilette	4.0%
Soap	1.2%
AP Roll-On	1.0%
Deostick	1.0%
Shampoo / Shower Gel	0.5%
Hair Conditioner	0.4%
Body Lotion	0.3%



Fabric Softener Concentrate	0.6%
Heavy-Duty Liquid Detergent	0.5%
Concentrated Detergent Powder	0.3%
Rimblock Liquid	8.0%
APC Liquid Cleaner	0.3%
Citric-Acid Liquid Cleaner	0.3%

These are Symrise application/stability test dosages, not regulatory maximums.

BATCH ANALYSIS

Test	Specification	Result
Appearance	Clear liquid	Conforms
Colour	Colourless	Conforms
Odour	Characteristic	Conforms
Identification	Conforms	Conforms
GC Purity	≥90.0%	_____
Overall Result	—	PASS / CONFORMS

Actual numerical batch results should be entered from the original Symrise batch COA rather than estimated.

DECLARATION

The material represented by this certificate is:

BRAHMANOL® – SYMRISE

CAS 72089-08-8

PRODUCT NO. 100204

and is expected to conform to the published Symrise specification when supplied as genuine Brahmanol®.

For formal batch release, actual batch-specific analytical results from Symrise should take precedence.

Authorised by:

Fozia Khot
Director