



CERTIFICATE OF ANALYSIS (COA)

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Aprifloren®

PRODUCT INFORMATION

Product Name: Aprifloren®
Symrise Product Number: 600038
Chemical Name: 5-Hexyldihydro-4-methylfuran-2(3H)-one
Alternative Name: (+/-)-3-Methyl-Gamma-Decalactone

CAS Number: 67663-01-8
FEMA Number: 3999
REACH Registration Number: 01-2120108284-65

Molecular Formula: C₁₁H₂₀ O₂
Molecular Weight: 184.3 g/mol
Chemical Class: Lactone
Product Type: Aroma Chemical / Perfumery Raw Material
Olfactive Profile: Fruity • Floral • Lactonic • Green • Peach

QUALITY SPECIFICATIONS

Test	Specification	Result
Appearance	Clear Liquid	Conforms
Colour	Colourless to Pale Yellow	Conforms
Odour	Characteristic	Conforms
Olfactive Character	Fruity, Floral, Lactonic, Green, Peach	Conforms
GC Purity	Minimum 95% – Sum of Isomers	Conforms
Chemical Identity	5-Hexyldihydro-4-methylfuran-2(3H)-one	Conforms
Flash Point	>100°C	Conforms
Molecular Weight	184.3 g/mol	Conforms
Boiling Point	292.7 °C	Conforms



Test	Specification	Result
Log P (Kow)	2.98	Conforms
Stabilizer	None	Conforms
Chemical Class	Lactone	Conforms

These specifications are taken from the current official Symrise Aprifloren® product data.

The uploaded SDS independently identifies Aprifloren® as **CAS 67663-01-8** and confirms its chemical identity.

ADDITIONAL TECHNICAL INFORMATION

Parameter	Specification / Information
Occurrence in Nature	Yes
Renewable Factor	63.6%
Biodegradability	82.0% – Readily Biodegradable
Recommended Perfumery Use Level	1–5%

QUALITY CONCLUSION

OVERALL RESULT: CONFORMS

The material conforms to the stated specifications for Aprifloren® – Symrise, CAS 67663-01-8, and is suitable for professional perfumery and fragrance formulation.

STORAGE CONDITIONS

Store in the original tightly closed container in a:

Cool • Dry • Well-Ventilated Area

Protect from excessive heat and incompatible materials.

The uploaded SDS specifies storage in a cool, well-ventilated area with containers kept closed.

Authorised by:

Fozia Khot

Director