



CERTIFICATE OF ANALYSIS (COA)

Supplier: Aromology Trading LLC
G05 Al Ghazal Building, Nadd Al Hamar
Dubai, United Arab Emirates

Product Information

Parameter	Details
Product Name	Ethyl Maltol
Chemical Name	2-Ethyl-3-hydroxy-4H-pyran-4-one
CAS Number	4940-11-8
EC Number	225-582-5
FEMA Number	3487
Molecular Formula	C ₇ H ₈ O ₃
Molecular Weight	140.14 g/mol
Intended Use	Perfumery Raw Material
Batch Number	EM26063001
Manufacturing Date	22 May 2026
Retest Date	22 May 2028
Issue Date	30 June 2026

Analytical Specifications

Test	Specification	Result
Appearance	White crystalline powder	Complies
Odour	Sweet, caramel, cotton candy characteristic	Complies
Identification (IR/GC)	Conforms to reference standard	Pass
Assay	≥ 99.0%	99.8%
Melting Point	89.0 – 92.0 °C	90.5 °C
Loss on Drying	≤ 0.50%	0.08%
Sulphated Ash	≤ 0.10%	0.03%
Heavy Metals (as Pb)	≤ 10 ppm	< 10 ppm
Colour	White	Complies
Solubility	Freely soluble in ethanol; soluble in water	Complies



The published physical characteristics of Ethyl Maltol include a white crystalline appearance, molecular weight of 140.14 g/mol, and a melting point of approximately 89–92 °C, consistent with the analytical values reported above.

Conclusion

Based on the analytical results obtained, the above material complies with the established quality specifications for Ethyl Maltol and is suitable for use as a fragrance ingredient in perfume manufacture.

Storage Conditions

Store in tightly closed containers in a cool, dry, well-ventilated place away from heat, moisture, direct sunlight, and strong oxidizing agents.

Shelf Life

24 months from the date of manufacture when stored under the recommended conditions.

Authorized by

Fozia Khot
Director
Aromology Trading LLC