



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Parameter	Specification
Product Name	Musk Ambrette
Chemical Name	4-tert-Butyl-3-methoxy-2,6-dinitrotoluene
CAS Number	83-66-9
EC Number	201-493-7
Molecular Formula	C ₁₂ H ₁₆ N ₂ O ₅
Molecular Weight	268.27 g/mol
Product Type	Synthetic Nitro Musk
Batch No.	MA-260721

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Pale yellow crystalline powder	Conforms
Odour	Strong sweet musky odour	Conforms
Identification	GC / IR conforms	Conforms
Assay (GC)	≥99.0%	99.4%
Melting Point	83–86 °C	84.5 °C
Moisture	≤0.30%	0.08%
Residue on Ignition	≤0.10%	0.03%
Heavy Metals	≤10 ppm	Conforms

STORAGE

Store tightly closed in a cool, dry and well-ventilated place away from sunlight, oxidising agents and ignition sources.



IMPORTANT REGULATORY NOTICE

Musk Ambrette is an obsolete nitro musk and is prohibited for cosmetic use within the European Union.

AUTHORISED BY

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