



MUSK Z 4

SUPPLIER : IFF
PRODUCT CODE : H13225
BATCH: 66426

MANUFACTURE DATE: 15-SEP-2026
ANALYSIS DATE: 15-SEP-2026
EXPIRATION DATE: 15-SEP-2028
SHELF LIFE: 24 months

This batch has been re-evaluated by quality control and the expiration date extended.

ORGANOLEPTIC PROPERTIES

<u>CHARACTERISTIC</u>	<u>RESULT</u>	<u>SPECIFICATION</u>
Appearance	Conform to	Solid
Color	Pale yellow	Colorless to pale yellow
Odor	Conform to	IFF standard

PHYSICAL AND CHEMICAL PROPERTIES

<u>CHARACTERISTIC</u>	<u>RESULT</u>	<u>SPECIFICATION</u>
Specific gravity (d20/4)	0.9396	0.9370 - 0.9430
Refractive index (nD/20)	1.4924	1.4897 - 1.4947

CHROMATOGRAPHIC ANALYSIS (POLAR COLUMN)

<u>CHARACTERISTIC</u>	<u>RESULT</u>	<u>SPECIFICATION</u>
Exaltone	2.18 %	0.80 - 4.00 %
Trans isomer	2.57 %	2.00 - 8.00 %
Cis isomer	91.53 %	86.00 - 100.00 %
Cis + trans isomer	94.10 %	92.00 - 100.00 %

ADDITIONAL PRODUCT INFORMATION

FLASHPOINT: > 100 °C / > 212 °F

STORAGE CONDITIONS: Ambient (5-45 °C / 41-113 °F).

This Certificate of Analysis does not relieve the purchaser from undertaking their own tests in order to assure the suitability of this product for its application and to comply with all relevant legal requirements for any goods into which this product is incorporated. The values and specifications are valid for the time of analysis.