



METHYLIONONE GAMMA COEUR TOCO

SUPPLIER: IFF
PRODUCT CODE: H13131
BATCH: 61903

MANUFACTURE DATE: 22-JAN-2025
ANALYSIS DATE: 13-JAN-2026
EXPIRATION DATE: 13-JAN-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	Clear liquid
Color	Pale yellow	Pale yellow to yellow
Odor	Conform to	IFF standard

PHYSICAL AND CHEMICAL PROPERTIES

<u>CHARACTERISTIC</u>	<u>RESULT</u>	<u>SPECIFICATION</u>
Specific gravity (d20/4)	0.9311	0.9280 - 0.9320
Refractive index (nD/20)	1.5013	1.4980 - 1.5030

CHROMATOGRAPHIC ANALYSIS

<u>CHARACTERISTIC</u>	<u>RESULT</u>	<u>SPECIFICATION</u>
Methyl ionone/iso/alpha	89.15 %	86.00 - 90.00 %
Iso-methyl Beta ionone	3.96 %	2.00 - 8.00 %
N-Methyl Alpha ionone	4.49 %	2.00 - 9.00 %
N-methyl Gamma ionone	0.34 %	0.00 - 2.00 %
N-methyl Beta ionone	0.63 %	0.00 - 2.00 %
Pseudo methyl ionone	0.00 %	0.00 - 1.00 %
Sum of section	98.94 %	95.00 - 100.00 %

ADDITIONAL PRODUCT INFORMATION

FLASHPOINT: 94 °C / 201 °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.