



CERTIFICATE OF ANALYSIS

ZENOLIDE

SUPPLIER : IFF
PRODUCT CODE : H27010
BATCH: 65447

MANUFACTURE DATE: 30-DEC-2025
ANALYSIS DATE: 28-MAY-2026
EXPIRATION DATE: 28-MAY-2029
SHELF LIFE: 36 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/Liquid
Color	Colorless	Colorless
Odor	Conform to	IFF standard

PHYSICAL AND CHEMICAL PROPERTIES

<u>CHARACTERISTIC</u>	<u>RESULT</u>	<u>SPECIFICATION</u>
Specific gravity (d20/4)	1.06	1.0540 - 1.0633
Refractive index (nD/20)	1.4721	1.4700 - 1.4753
Acid value (mg KOH/g)	0.082	0.000 - 5.000

CHROMATOGRAPHIC ANALYSIS (NON POLAR COLUMN)

<u>CHARACTERISTIC</u>	<u>RESULT</u>	<u>SPECIFICATION</u>
Major peak	99.22 %	95.00 - 100.00 %
Peak 2	0.60 %	0.00 - 3.00 %

ADDITIONAL PRODUCT INFORMATION

FLASHPOINT: 166 °C / 331 °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.