CERTIFICATE OF ANALYSIS

ALPHA PINENE 973999

SUPPLIER : Firmenich
PRODUCT CODE : T01500
BATCH: 66563

MANUFACTURE DATE: 23-SEP-2026
ANALYSIS DATE: 30-SEP-2026
EXPIRATION DATE: 30-SEP-2027
SHELF LIFE: 12 months

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

ORGANOLEPTIC PROPERTIES

CHARACTERISTIC	RESULT	SPECIFICATION
Appearence	Conform to	Liquid
Color	Colorless	Colorless
Odor	Conform to	Firmenich standard

PHYSICAL AND CHEMICAL PROPERTIES

CHARACTERISTIC	RESULT	SPECIFICATION
Specific gravity (d20/20)	0.8599	0.856 - 0.862
Refractive index (nD/20)	1.4659	1.464 - 1.468

CHROMATOGRAPHIC ANALYSIS

CHARACTERISTIC	RESULT	SPECIFICATION
Purity	98.48 %	98.00 - 100.00 %

ADDITIONAL PRODUCT INFORMATION

FLASHPOINT: 29 °C / 84 °F
STORAGE CONDITIONS: Dry area, unopened containers, optimum temp. 11-25 °C / 52-77 °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.