

# Certificate of Analysis

**Product Name:**  
CARYOPHYLLENE BETA NATURAL

**Lot #:** 14191A

Date of Manufacture: 08/19/2022

Date of Last Analysis: 08/19/2022

Best if Used By: 08/19/2025

<u>Characteristic</u>	<u>Result</u>	<u>Specification</u>
PURITY (BY GC)	90.62	90.00 - 100.00
GAS CHROMATOGRAPH	PASSES TEST	PASSES TEST
OPTICAL ROTATION (@25C)	-8.88	-10.00 - -5.00
ODOR	PASSES TEST	CLOVE-LIKE ODOR.
REFRACTIVE INDEX (@20C)	1.4994	1.4980 - 1.5040
SPECIFIC GRAVITY (@25C)	0.9001	0.8970 - 0.9100
COLOR/APPEARANCE	PASSES TEST	COLORLESS TO SLIGHTLY YELLOW, OILY LIQUID.

## Additional Product Information

Flash Point: >200

Shelf Life: 36 Months

Storage Conditions: Stable when stored in its original package, tightly sealed in a cool (46-90°F) and dry location out of direct heat and light.

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.

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