



# CERTIFICATE OF ANALYSIS

## TIMBERSILK™ TOCO

**SUPPLIER :** IFF  
**PRODUCT CODE :** H20085  
**BATCH:** 64704C

**MANUFACTURE DATE:** 24-NOV-2025  
**ANALYSIS DATE:** 16-MAR-2026  
**EXPIRATION DATE:** 16-MAR-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   | Colorless to pale yellow |
| Odor                  | Conform to    | IFF standard             |

### PHYSICAL AND CHEMICAL PROPERTIES

| <u>CHARACTERISTIC</u>     | <u>RESULT</u> | <u>SPECIFICATION</u> |
|---------------------------|---------------|----------------------|
| Specific gravity (d20/20) | 0.9666        | 0.9640 - 0.9700      |
| Refractive index (nD/20)  | 1.4990        | 1.4970 - 1.5010      |

### CHROMATOGRAPHIC ANALYSIS

| <u>CHARACTERISTIC</u> | <u>RESULT</u> | <u>SPECIFICATION</u> |
|-----------------------|---------------|----------------------|
| Isocyclemonone E      | 42.51 %       | 30.00 - 45.00 %      |
| Alpha iso E super     | 22.76 %       | 18.00 - 26.00 %      |
| Iso precyclemonone    | 2.34 %        | 0.00 - 5.00 %        |
| Delta isomer          | 6.93 %        | 5.50 - 7.50 %        |
| Gamma iso E super     | 14.96 %       | 13.00 - 20.00 %      |
| Sum of section        | 94.84 %       | 89.00 - 100.00 %     |

### ADDITIONAL PRODUCT INFORMATION

**FLASHPOINT:** > 100 °C / > 212 °F

**STORAGE CONDITIONS:** Ambient, do not refrigerate or freeze (10-27 °C / 50-80 °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.