

## Certificate of Analysis

### (Representative Sample Certificate)

**Product Name:** Summer Lilac & Thyme Extract  
**INCI Name:** Glycerin, Thymus Vulgaris (Thyme) Flower/Leaf Extract, Buddleja Davidii Leaf Extract, Water  
**CAS Number:** 56-81-5, 84929-51-1, 94465-67-5, 7732-18-5  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 36 months from production date

Property	Specification	Analysis
Appearance (Method: internal method, visual)	Clear to slightly opalescent, brown-colored, slightly viscous liquid with a characteristic odor	Pass
Identity by UHPLC (Method: internal method, RP C18, UV 320 nm)	Comparable chromatogram to that of internal reference standard	Pass
pH (Method: EP 2.2.3, Potentiometric)	4.5 - 6.5	5.3
Relative Density (d <sub>20</sub> /20) (Method: EP 2.2.5, Digital density meter)	1.100 - 1.250	1.162
Refractive Index (n <sub>25</sub> ) (Method: EP 2.2.6, Digital refractometer)	1.414 - 1.430	1.416
Phenolic Acids by UHPLC (calculated as rosmarinic acid) (Method: internal method, RP C18, UV 320 nm)	≥50 mg/100g	109 mg/100g
Total Aerobic Microbial Count (Method: EP 2.6.12, surface spread method)	<100 CFU/g	Pass
Total Yeasts/ Molds Count (Method: EP 2.6.12, surface spread method)	<100 CFU/g	Pass
Specified Microorganisms (Method: Cosmetics Europe "Guideline on Microbial Quality Management", EP 2.6.13)	Absence in 1g	Pass

"Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions. This report is not to be signed. All data are as per our supplier.

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