

## Certificate of Analysis

(Representative Sample Certificate)

**Product Name:** Blue Flax Extract  
**INCI Name:** Linum Alpinum (blue flax) flower extract  
**CAS Number:** 905593-74-0, 56-81-5, 7732-18-5, 77-92-9, 24634-61-5  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Re-test Date:** 36 months from production date

Property	Specification	Analysis
Appearance (Internal method, visual)	Clear to slightly opalescent, amber to brown colored, slightly viscous liquid with characteristic odor	Pass
Identity (UHPLC) (Internal method, RP C18, UV 320nm)	Comparable to chromatogram to that of internal reference standard	Pass
pH (EP 2.2.3, Potentiometric)	3.5-5.0	4.4
Relative Density d <sub>20</sub> /20 (EP 2.2.5, Digital density meter)	1.100-1.250	1.170
Refractive Index n <sub>25</sub> (EP 2.2.6, Digital refractometer)	1.413-1.433	1.421
Flavonoids (UHPLC) (Internal method, RP C18, UV 320 nm)	≥50 mg/100g	91 mg/100g
Total Aerobic Mesophile Plate Count (EP 2.6.12, Surface spread method)	<100 CFU/g	Pass
Specified Microorganisms (Cosmetics Europe, "Guideline on Microbial Quality Management", EP 2.6.13)	Not detectable in 1g	Pass

The above data were 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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