

## Certificate of Analysis

Product: BULGARIAN ORGANIC LAVENDER OIL

Botanical Name: *Lavandula angustifolia*

Country of Origin: Bulgaria

### PHYSICAL AND CHEMICAL PROPERTIES

TEST	RESULT	SPECIFICATION
Relative Density @ 20°C	0,883	0.874 - 0.888
Refractive Index @ 20°C	1,460	1.457 - 1.461
Optical rotation @ 20°C	-9,94	-18° - -2°

### GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

CONSTITUENT	RESULT(%)
α-Pinene	0.21
Camphene	0.10
β-Pinene	0.11
β-Myrcene	0.63
Limonene	0.16
β-phellandrene	0.19
cis-β-Ocimene	3.18
1,8-cineole	1.47
trans-β-Ocimene	4.99
3-Octanone	1.12
1-Octen-3-yl-acetate	0.78
1-Octen-3-ol	0.34
Hexyl butyrate	0.44
Linalool	29.77
Camphor	0.26
Linalyl acetate	32.90
Terpinen-4-ol	2.41
Lavandulol,acetate	3.34
Lavandulol	1.36
β-Caryophyllene	3.96
α-Terpineol	0.87
Borneol	0.66