

Certificate of Analysis

Product: Coriander oil – Certified Organic

Botanical Name: *Coriandrum sativum*

Country of Origin: Hungary

PHYSICAL AND CHEMICAL PROPERTIES

TEST	SPECIFICATION	RESULT
Specific Gravity @ 20° C	0.862 - 0.878	0.868
Refractive Index @ 20° C	1.462 - 1.470	1.462
Optical Rotation	7° - 13°	+10°

GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

CONSTITUENT	SPECIFICATION (%)	RESULT (%)
α -Thujene +		8.07
α -Pinene	5.00 - 10.00	
Camphene		1.39
β -Pinene		0.52
Sabinene		0.35
Myrcene		1.29
α -Phellandrene		< 0.05
α -Terpinene		< 0.05
Limonene		2.89
β -Phellandrene		0.14
γ -Terpinene	≤ 9.00	4.78
Para cymene		0.69
Terpinolene		0.67
cis- Linalool oxyde		0.08
trans- Linalool oxyde		0.10
Camphre	2.00 - 7.00	5.00
Linalool	65.00 - 78.00	68.60
Terpinen-4-ol		0.10
β -Caryophyllene		0.06
α -Terpineol		0.27
Borneol		0.15
Geranyl acetate		2.61
Citronellol		0.09
Geraniol		1.91