

CERTIFICATE OF ANALYSIS

Coriander Essential oil

Product Name: Coriander Essential oil

Botanical Name: *Coriandrum sativum* L.

Extraction process: hydro-distillation

Gas Chromatographic Profile

Characteristic	Test results	Acceptance limit	Test Method
Appearance	Confirm	Free flowing Liquid	Olfactory
Color	Conform	Colorless to yellow	
Odor	Conform	Coriander odor	
Optical Rotation	+4.0	+4° - +15°	-
Refractive Index	1.4639	1.462-1.472	
Specific Gravity at 25 °C	0.882	0.863- 0.885	
Chemical Composition of essential oil			GC-MS analysis
Tricyclene	0.21	Linalool: 60-75%	
α-Thujene	0.04		
α-Pinene	6.00		
Camphene	1.11		
Sabinene	0.05		
β-Pinene	1.10		
β-Myrcene	0.05		
β-Myrcene	0.03		
3-Carene	0.06		
p-Cymene	11.32		
Limonene	2.16		
γ-Terpinene	4.18		
trans-Linalool oxide	0.79		
Fenchone	0.06		
Linalool furanoxide	0.64		
Linalool	60.3		
Bornanone	5.03		
Isoborneol	0.18		
cis-Linalool 3,7-oxide	0.05		
Linalool 3,7-oxide	0.05		
(+)Bornanone	0.10		
α-Terpineol	0.32		
Geraniol	1.39		
Geranyl acetate	4.68		