

Certificate of Analysis

Product Rosemary Oil Tunisia – CT Cineole

Botanical Name *Rosmarinus officinalis*

Batch 18867

Origin Tunisia

Plant Part Aerial parts

Extraction Steam Distilled

Physical Data	Specification	Result
Appearance	Transparent Liquid	Complies
Colour	Colourless to pale yellow	Complies
Odour	Characteristic, herbal, camphor	Complies
Optical Rotation	-5.0 ° to +4.0 °	-3.70 °
Specific Gravity @ 20°C	0.898 – 0.913	0.906
Refractive Index @ 20°C	1.4640 – 1.4730	1.4672

Chromatographic Data

Constituent	Result %	Specification
α -pinene	19.50	15.0 – 25.0
Camphene	5.0	4.0 – 8.0
1,8-cineole	34.40	30.0 – 40.0
Camphor	13.50	10.0 – 16.0

Retest Date September 2021