

CERTIFICATE OF ANALYSIS
Rosemary Essential oil

Product Name: Rosemary Essential oil

Botanical Name: *Rosmarinus officinalis* L.

Extraction process: hydro-distillation

Row	Test		Method of Analysis	Result
1	Color		Visually & organoleptic	Colorless
2	Clarity			Clear
3	Odor			Characteristic of Rosemary
4	Specific Gravity (g.ml)		USP40<841>	0.895
5	Refractive Index (nD)		ISIRI2274-6	1.4669
6	Optical Rotation (°)		ISIRI2274-5	6.48
7	Assay	α-pinene (%)	In House	23.75
		β-pinene (%)		5.64
		p-cymene (%)		2.04
		Limonene (%)		4.34
		1,8-Cineole (%)		21.62
		Camphene (%)		8.96
		α-terpineol (%)		1.84