

CERTIFICATE OF ANALYSIS

Product: Peppermint Arvensis

INCI Name: Mentha Arvensis (Peppermint) Oil

Parameter	Method	Unit	Specification	Result
Refractive Index @ 20 ° C	ISO 280:1998		1.455 – 1.4650	1.460
Specific Gravity @ 20 ° C	ISO 279:1998		0.895 – 0.915	0.907
Optical Rotation	ISO 592:1998		- 15 - - 33.0	-17.65
Gas chromatograph	AS5027:2002	Menthol	25 - 55	45.50
		Menthone	10 – 30	18.75
		Iso-menthone	15 - 25	18.79

David Johnson
Operations and Business Development Manager

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