

Certificate of Analysis

Product	Ginger Oil
Botanical Name	<i>Zingiber officinale</i> root (Ginger) oil
Batch	FN0122B16AOA
Origin	India
Plant Part	Rhizomes
Extraction	Steam Distilled

Physical Data	Specification	Result
Appearance	Transparent Liquid	Conforms
Colour	Pale yellow to dark orange	Conforms
Odour	Warm, spicy	Conforms
Optical Rotation	-20.0 – -47.0	-36 °
Specific Gravity @ 20°C	0.8700 – 0.8900	0.8744
Refractive Index @ 20°C	1.47 – 1.51	1.4928

Chromatographic Data

Constituent	Result
α-pinene	1.6
Camphene	6.4
Myrcene	0.85
β- phellandrene	4.9
α-curcumene	8.55
Zingiberene	33.3
β-bisabolene	6.58
β-farnesene	6.8
β-sesqui-phellandrene	13.3

Retest Date August 2024