



NHR ORGANIC OILS
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Certificate of Analysis & Gas Chromatography
Organic Turmeric Essential Oil
(Curcuma longa)

Batch No:	010922-4	Origin:	India
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Description: Oily liquid, yellow to dark reddish brown
Odour: Characteristic

TEST	SPECIFICATION	ANALYSIS
Specific Gravity @ 20°C	0.901 – 0.971	0.935
Refractive Index @ 20°C	1.499 – 1.521	1.515
Optical Rotation @ 20°C	-25.0° to +36.0°	+20.4°

GC ANALYSIS (%)	
B-CARYOPHYLLENE	0.90
A-CURCUMENE & LONGIPINENE	5.70
A-ZINGIBERENE	6.00
B-BISABOLENE	1.20
B-SESQUIPHELLANDRENE	3.20
AR-TUMERONE	31.8
TUMERONE	22.9
CURLONE	13.3
(E)-ATLANTONE	1.90