



CERTIFICATE OF ANALYSIS

Product : Turmeric Root Oil FG
Grade : EO-104/V-10
Shelf Life : Best before 24 months from the date of manufacturing.

Test	Observation	Limits
Description	Dark yellow color liquid	Yellow to Pale Yellow Color Liquid
Odour	Odour Quality is Excellent	Warm, Spicy, Slightly Woody Aroma
Solubility	Complies	Insoluble in Water, Soluble in Alcohol And Fixed Oils.
Refractive Index	1.498	1.49 To 1.55
Specific Gravity	0.936	0.93 To 0.94
Primary Constituents	35%	Between 45% To 60%
Heavy Metals Arsenic	< 0.006 ppm	Not More Than 1.0 ppm
Cadmium	< 0.4 ppm	Not More Than 0.50 ppm
Lead	< 0.5 ppm	Not More Than 3.0 ppm
Mercury	< 0.005 ppm	Not More Than 0.50 ppm
Yeast & Mould	< 10 CFU/g	NMT 1,000 CFU/g
Total Coliforms	< 10 CFU/g	NMT 100 CFU/g
Esicherichia Coli s	Absent Per gm	Negative
Salmonella Spp	Absent Per 10 gm	Negative
Staphylococcus Aureus	Absent Per 10 gm	< 10 cells /g

Compiled by: Quality Assurance Manager

Authorised by:

Date:

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