

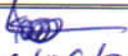
CERTIFICATE OF ANALYSIS

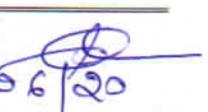
Product : TURMERIC EXTRACT 95%
Batch No : VH/CUR/F20-0242
Botanical Name: *Curcuma longa*

Mfg date: June 2020
Expiry date: May 2023
Country of Origin: India

Physical Characteristic	Specification	Result	Test Method
Identification	Passes the test for Curcuminoids	Complies	HPLC
Plant part used	Rhizomes	Complies	Visual
Appearance and Color	Yellowish Orange powder	Complies	Visual
Taste	Characteristic	Complies	Organoleptic
Odor	Characteristic	Complies	Organoleptic
Particle size	100% through 60 mesh	Complies	USP 40
Tapped Density	0.50-0.90 g/mL	0.52 g/mL	USP 40
Extraction solvent	Ethyl acetate	Complies	In-House
Chemical Analysis	Specification	Result	Test Method
Assay	NLT 95% Curcuminoids content	95.75 % W/W	HPLC
Loss on Drying	NMT 2%	0.96%W/W	USP 40
Carrier	None	None	In House
Solvent residue	Complies USP	Complies	USP <467>, GCMS
Impurities	Specification	Result	Test Method
Total Heavy metals	<10 ppm	Complies	USP 40
Lead	<1.0ppm	Complies	USP 40
Mercury	<1.5ppm	Complies	USP 40
Arsenic	<1.5ppm	Complies	USP 40
Cadmium	<0.5ppm	Complies	USP 40
Microbiology	Specification	Result	Test Method
Total Plate count	<1000 cfu/g	95 cfu/g	USP 40
Yeast & Mold	<100 cfu/g	Complies	USP 40
Total Coliforms	<10cfu/g	Complies	USP 40
Escherichia coli	Negative	Negative	USP 40
Salmonella	Negative	Negative	USP 40
Pseudomonas aerugenosa	Negative	Negative	USP 40
Staphylococcus aureus	Negative	Negative	USP 40

Analysed by: 
Date: 16/06/2020

Checked by: 
Date: 16/06/2020

Approved by: 
Date: 16/06/20

REMARKS: The product complies with above specifications.

NOTE: IT IS NON GMO, NON IRRADIATED, NON BSE/TSE, KOSHER CERTIFIED AND ALLERGENS FREE.

❖ This being a product of natural origin, minor color variations are observed due to geographical and Seasonal variations of the raw material.

CIN: U24233KA2004PTC033937 DOI: 13th May 2004

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