



Certificate of Analysis

Organic Turmeric Powder			
Batch No.	S311601FGTR02	Date of Manufacture	04/10/ 2017
Plant part used	Root	Date of Expiry	04/10/2019
Botanical Name:	<i>Curcuma longa</i>	Origin	India
Ingredient	Turmeric	Packaging	25 kg Net

Parameters	Limits	Results	STP
Physical Parameters			
Description	Dark yellow colored powder	Complies	Organoleptic examination
Curcuminoids by HPLC		2.1%	HPLC
Ash	< 15 %	6 %	USP<281>
Moisture	< 10 %	9 %	USP<921>
Loose Bulk density	Between 0.35/ml and 0.60 g/ml	0.39 g/ml	USP<616>
Tapped Bulk density	Between 0.35 g/ml and 0.60 g/ml	0.62 g/ml	USP<616>
Sieve test (Pass through)			
- 40 mesh	Not less than 90 % w/w	93%	USP<786>
- 60 mesh	Not less than 75 % w/w	77%	
Impurities			
Pesticide residue	Absent	Absent	USP<561>
Others			
Total Heavy Metals	Not more than 10 ppm	2 ppm	USP<231>Method II
- Lead	< 0.5 ppm	< 0.2 ppm	ICP-MS
- Arsenic	< 1 ppm	< 1 ppm	ICP-MS
- Cadmium	< 1 ppm	< 1 ppm	ICP-MS
- Mercury	< 0.1 ppm	< 0.1 ppm	ICP-MS
- Copper	< 1 mg/kg	< 1 ppm	ICP-MS
Microbial Parameters			
Total Plate Count	Not more than 100,000cfu/g	70,000 cfu/g	USP<2021>
Yeast & Mould	< 100 cfu/g	Complies	USP<2021>
<i>E. Coli</i>	Negative/10g	Complies	USP<2021>
<i>Salmonella</i>	Negative/10g	Complies	USP<2021>
<i>Staphylococcus aureus</i>	Negative/10g	Complies	USP<2021>
<i>Pseudomonas aeruginosa</i>	Negative/10g	Complies	USP<2021>

Reviewed & Approved By: **Certified organic by ECOCERT ICO**

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