

CERTIFICATE OF ANALYSIS

Product Name	Turmeric Extract	Latin Name	<i>Curcuma long L.</i>
Batch No	PY-TU20190328	Used Part	Root
Quantity	500KG	Analysis Date	Mar.31,2019
Mfg. Date	Mar.28,2019	Exp. Date	Mar.27,2021

No.	Item	Specification	Result
1.	Appearance	Orange-yellow Powder	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Particle Size	NLT 95% pass 80 mesh	Complies
4.	Extract Solvent	Water & Ethanol	Complies
5.	Assay(by HPLC)	Curcuminoids \geq 5.0%	5.13%
6.	Loss on Drying	\leq 2.0%	0.21%
7.	Total Ash	\leq 1.0%	0.30%
8.	Heavy Metals	\leq 10ppm	<10ppm
9.	Pb	\leq 3ppm	<3ppm
10.	As	\leq 1ppm	<1ppm
11.	Cd	\leq 1ppm	<1ppm
12.	Hg	\leq 0.1ppm	<0.1ppm
13.	Tap Density	0.5-0.9 g/ml	0.52 g/ml
14.	Loose Bulk Density	0.3-0.5 g/ml	0.44g/ml
15.	Solubility	Soluble in water	Complies
16.	Solvent Residue	CP2015	Complies
16.	Total Plate Count	\leq 10,000cfu/g	<10,00cfu/g
18.	Yeasts & Molds	\leq 1,00cfu/g	<1,00cfu/g
19.	E.Coli	Negative	Negative
20.	Salmonella	Negative	Negative

Store in tightly closed original container, protected from light, moisture, oxygen. Keep in a dry place at room temperature(25.0°C).

Non-GMO, TSE/BSE Free, Non-Irradiation, 100% Natural

Package: Packed in paper-drums and two plastic-bags inside. N.W: 25kgs. I.D.35*H51cm

Conclusion: Conform with specification.

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