

CERTIFICATE OF ANALYSIS

Product Name	Turmeric Rhizome Extract	Latin Name	<i>Curcuma longa</i>
Batch No	PY-TU20200415	Used Part	Root
Quantity	1000KG	Analysis Date	Apr.18,2020
Mfg. Date	Apr.15,2020	Exp. Date	Apr.14,2022

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.	Extract Ratio	20:1	Complies
6.	Assay(by HPLC)	Curcuminoids≥10.0%	10.03%
7.	Loss on Drying	≤5.0%	0.83%
8.	Ash	≤0.8%	0.76%
9.	Heavy Metals	≤10ppm	<10ppm
10.	Pb	≤3.0ppm	<3.0ppm
11.	As	≤1.0ppm	<1.0ppm
12.	Cd	≤1.0ppm	<1.0ppm
13.	Hg	≤0.1ppm	<0.1ppm
14.	Total Plate Count	≤1,000cfu/g	<1,000cfu/g
15.	Yeasts & Molds	≤100cfu/g	<100cfu/g
16.	E.Coli	Negative	Negative
17.	Salmonella	Negative	Negative

NON-IRRADIATED/NON-GMO/BSE FREE

Store in well-closed container at room temperature, protect from light, moisture and pest infestation.

Conclusion: Conform with specification.

Analyst: xuli

QC: lixiaochen