

CERTIFICATE OF ANALYSIS

Product Name	Turmeric Extract Granular	Batch No	PY-TU20190113
Quantity	500KG	Analysis Date	Jan.13, 2019
Mfg. Date	Jan.13,2019	Exp. Date	Jan.12,2021
Package	25kg/Drum	Standard	Enterprise Standard

No.	Item	Specification	Result
1.	Appearance	Yellow-Orange powder	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Extract Solvent	Ethyl Acetate	Complies
4.	Solubility	Soluble in ethanol acetone and glacial acetic acid	Complies
5.	Assay Total Curcuminoids	≥95.0%	95.02%
6.	Particle Size	20-60 mesh	Complies
7.	Loss on Drying	≤2.0%	0.81%
8.	Total ash content	≤1.0%	0.76%
9.	Solvent residue	≤ 5000ppm	3500ppm
10.	Bulk Density g/ml	0.5-0.8	0.60
11.	Heavy Metals	≤10ppm	< 10ppm
12.	As	≤3ppm	0.12ppm
13.	Pb	≤2ppm	0.13ppm
14.	Cd	≤1ppm	0.2ppm
15.	Hg	≤0.5ppm	0.1ppm
16.	Total Plate Count	< 1000 cfu/g	820
17.	Yeast&Mold	< 100 cfu/g	54
18.	E.Coli	None	Not Detected
19.	Staphylococcus aureus	None	Not Detected
20.	Salmonella	None	Not Detected
21.	Conclusion	Conform with Enterprise Standard.	

Analyst: xuli

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