

CERTIFICATE OF ANALYSIS

Product name:	Turmeric extract powder	Plant Source	Carcuma longa
English synonyms	Turmeric P.E	Manu. Date:	March.28,2019
Batch Number:	U-F-JHTQW190328	Expiration Date:	March.27,2021
Batch Size	3000KG	Report Date	March.28,2019

Item	Specification	Results	Methods
Assay :	10:1	Conforms	TLC
Appearance & Color	Yellow or orange powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
Solubility	Slightly soluble in water and ethanol.	Conforms	QB2018
Bulk Density	0.4-0.6g/ml	0.50g/ml	QB2018
Mesh Size	80	100%	QB2018
Loss on Drying	≤5.0%	3.25%	QB2018(105 °C, 2 h)
Ash Content	≤5.0%	2.78%	QB2018
Solvent Residue	Negative	Conforms	GC/QB2018
Heavy Metals			
Total Heavy Metals	≤10ppm	3ppm	AAS/ICP-MS
Arsenic (As)	≤2.0ppm	1.02ppm	AAS/ICP-MS
Lead (Pb)	≤2.0ppm	1.17ppm	AAS/ICP-MS
Cadmium	<1mg/kg	Not Detected	AAS/ICP-MS
Mercury	≤0.3ppm	Not Detected	AAS/ICP-MS
Microbiology			
Total Plate Count	≤10000cfu/g	<10000	QB2018
Total Yeast & Mold	≤1000cfu/g	<1000	QB2018
E. Coli	≤40MPN/100g	Not Detected	QB2018
Salmonella	Negative in 25g	Not Detected	QB2018
Staphylococcus	Negative in 10g	Not Detected	QB2018

Conclusion	Conform with specification
Storage	Store in cool & dry place,Keep away from strong light and heat
Shelf life	2 years when properly stored

QC : ZHAO TING

QA : HOU XUEHUI

