

Certificate of Analysis

Product Name	Organic Turmeric Extract Powder	Batch Number	YG-202108012
Latin Name	Curcuma longa L.	Manufacture Date	20210811
Plant Part Used	Root	Analysis Date	20210812
Quantity	300Kg	Expiry Date	20230810
Country of Origin	China	Sterilization Method	High temperature sterilization

ITEMS	SPECIFICATION	RESULTS	TEST METHODS
Assay(by)	Crucuminoide≥95%	95.27%	HPLC
Physical & Chemical			
Odor	Characteristic	Complies	Organoleptic
Appearance	Yellow Orange Powder	Complies	Visual
Sieve analysis	100% pass 80 mesh	Complies	CP2010
Loss on Drying	≤1.0%	0.61%	5g/105C/5hrs
Sulphacted ash	≤1.0%	0.37%	5g/105C/5hrs
Heavy Metals			
Heavy Metal	<10ppm	Complies	Atomic Absorption
Pb	<2ppm	0.26ppm	Atomic Absorption
As	<2ppm	0.34ppm	Atomic Absorption
Hg	<1ppm	0.25ppm	Atomic Absorption
Cd	<1ppm	0.08ppm	Atomic Absorption
Microbiological Test			
Total Plate Count	<10000cfu/g	1500cfu/g	AOAC
Yeast & Mold	<100cfu/g	75cfu/g	AOAC
E.Coli	Negative	Negative	AOAC
Salmonella	Negative	Negative	AOAC
Staph-aureus	Negative	Negative	AOAC
Storage	Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.		
Shelf Life	24months if store under the conditions above and stay in original packaging.		