



## CERTIFICATE OF ANALYSIS

<b>Product Name:</b>	Organic Turmeric Root Extract	<b>Country of Origin:</b>	China
<b>Botanical Name:</b>	<i>Curcuma longa</i> L.	<b>Batch Number:</b>	KHJH 220525
<b>Plant Part Used:</b>	Root	<b>Manufacture Date:</b>	MAY, 25, 2022
<b>Quantity:</b>	500kg	<b>Expiry Date:</b>	MAY, 24, 2024
ITEM	SPECIFICATION	RESULTS	TESTING METHOD
PHYSICAL CONTROL			
Assay	Curcuminoids 95%	Complies	HPLC
Appearance	Yellow powder	Complies	Organoleptic
Odor	Characteristic	Complies	Organoleptic
Sulphated Ash	≤5%	2.24%	Eur.Ph. <2.4.16>
Loss on drying	≤5%	3.21%	Eur.Ph. <2.8.17>
Sieve Analysis	98% pass 80 mesh	Complies	Eur.Ph. <2.9.12>
Bulk density	0.40g-0.65g/ml	0.45g/ml	Eur.Ph. <2.9.34>
CHEMICAL CONTROL			
Heavy Metals	≤10ppm	Complies	Eur.Ph. <2.2.58>ICP-MS
Arsenic(As)	≤2 ppm	Complies	Eur.Ph. <2.2.58>ICP-MS
Solvents Residue	Meet Eur.Ph. <2.4.24	Complies	Eur.Ph. <2.4.24>
Pesticides Residue	Meet Eur.Ph. <2.8.13>	Complies	Eur.Ph. <2.8.13>
MICROBIOLOGY CONTROL			
Total Plate Count	≤10000 cfu/g	Complies	Eur.Ph. <2.6.12>
Yeast & Mold	≤1000 cfu/g	Complies	Eur.Ph. <2.6.12>
E.Coli	Negative	Complies	Eur.Ph. <2.6.13>
Salmonella	Negative	Complies	Eur.Ph. <2.6.13>
CONCLUSION	Conform with specification		
<b>Storage</b>	Stored in dry and cool place, keep away from strong light and heat.		
<b>Packing</b>	25kg/barrel, double plastic-bag inside, fiber drum outside,		
<b>Shelf life</b>	Two years when properly stored		

Zhou Xiaodan

Quality Assurance Officer



Lu Jun

Quality Control