



Shaanxi Hongda Phytochemistry Co.,Ltd

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Certificate of Analysis

Termeric Extract Curcumin 95% (Granule)

Batch No.	HD-TE240909	Manufacturing Date	09/09/2024
Batch Quantity	650KG	Expiration Date	09/09/2026
Botanical Source	Curcuma longa L.	Organic	Yes Yes
Appearance	Orange-yellow Granule	Part Used	Root
Sterilization Method	Heat NON-IRR	Kosher Halal	Yes Yes
Extract Solvent	Ethyl acetate	CAS NO.	458-37-7
Shelf Life	2 Years	Organic	Yes Yes

ITEMS	SPECIFICATION	RESULT	METHOD
Assay	Curcumin 95%	Conform	HPLC USP<621>
Identification	Correspond to standard	Conform	TLC USP<201>
PHYSICAL CHARACTERISTICS			
Particle Size	20~40 mesh	Conform	Analytical sieving USP <786>
Loss on Drying	NMT 2.00%	0.30%	USP <731>
Total Ash	NMT 1.00%	0.10%	USP <561>
Bulk Density	Between 40-60g/100ml	Conform	USP <616> Method I
CHEMICAL CHARACTERISTICS			
Residual Solvent	NMT 5000ppm	Conform	GC USP <467>
Pesticide Residue	Meet the requirements	Conform	GC USP <561>
Heavy Metals(as Pb)	NMT 1.0 ppm	Conform	USP <231> Method II
Arsenic (As)	NMT 0.1ppm	Conform	ICP-MS
Lead (Pb)	NMT 0.1ppm	Conform	ICP-MS
Cadmium(Cd)	NMT 0.1ppm	Conform	ICP-MS
Mercury(Hg)	NMT 0.1ppm	Conform	ICP-MS
MICROBIOLOGICAL CHARACTERISTICS			
Total Plate Count	NMT1000cfu/g	≤100cfu/g	USP<61>
Total Yeast & Mold	NMT100cfu/g	≤10cfu/g	USP<61>
E.Coli	Not Detected in(g) 10	Not Detected	USP<61>
Salmonella	Not Detected in(g) 25	Not Detected	USP<61>
Staphylococcus	Not Detected in(g) 10	Not Detected	USP<61>

Packing and Storage Polyethylene bag with cardboard drum. 25kg net.
Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Statement Non GMO, No food allergens, No animal derived substances.

Tested by: *Hu hui Zhou*

Approved by: *Qing Lin*

