



Certificate of Analysis

Product Name	Curcumin	Manufacture	May.19,2021
Batch Number	LYPH210519	Certificate Date	May.20,2021
Batch Quantity	450 Kg	Expiration Date	May.18,2023
Latin Name	Curcuma longa L	Plant Part Used	Rhizome
Origin of Material	India	Extraction Solvents	Ethanol & ethyl acetate

Items	Specification	Results	Method
Appearance	Orange yellow powder	Conforms	Visual
Identification	HPLC fingerprint	Conforms	HPLC
Loss on Drying	≤2.0%	1.0%	USP<731>
Mesh	95% through 80 mesh	Conforms	USP Particle Size
Total Ash	≤1.0%	0.5%	USP<561>
Heavy Metals	<10 ppm	Conforms	USP<231>method III
As	<2 ppm	Conforms	AAS
Pb	<2 ppm	Conforms	AAS
Cd	<1ppm	Conforms	AAS
Hg	<0.5ppm	Conforms	AAS
Curcuminoids	95.0% min	95.4%	HPLC
Curcumin	/	63.5%	/
Desmethoxycurcumin	/	14.8%	/
Bisdsmethoxycurcumin	/	17.1%	/
Total Plate Count	<10000 cfu/g	10 cfu/g	/
Yeast and Mold	<1000 cfu/g	10 cfu/g	/
E.Coil	Negative	Not Detected	/
Staphylococcus aureus	Negative	Not Detected	CP2010&USP
Salmonella	Negative	Not Detected	/

Conclusion	Conforms to the standard.
Storage	Store in cool & dry place not freeze, keep away from strong light and heat.
Shelf life	2 years Non-GMO,irradiated.

Quality Assurance Officer: 董文

Corrector: 李丽

Analyst: 贺强