

Xi'an Jiuzhong Biotechnology Co., Ltd.

CERTIFICATE OF ANALYSIS

Product name	Curcumin (Synthetic)	Country of Origin	China
Batch Size	500kg	Batch Number	CU230216
Manufacture Date	Feb.16, 2023	Expiry Date	Feb. 15, 2025

Item	Specification	Result	Method
Assay	Curcumin \geq 98.0%	99.35%	HPLC
Appearance	Orange yellow fine powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Melting Point	183°C~186°C	184°C~185°C	/
Loss on Drying	\leq 1.0%	0.93%	105°C/3hrs
Ash	\leq 0.1%	0.05%	750°C/5hrs
Heavy Metals	\leq 10ppm	Complies	CP2015
Lead	\leq 3ppm	Complies	AAS
Arsenic	\leq 1ppm	Complies	AAS
Mercury	\leq 0.1ppm	Complies	AAS
Cadmium	\leq 1ppm	Complies	AAS
Microbiological Control			
Total Plate Count	\leq 500cfu/g	Complies	CP2015
Yeast & Mould	\leq 100cfu/g	Complies	CP2015
E.Coli	Negative	Complies	CP2015
Salmonella	Negative	Complies	CP2015
Staphylococcus	Negative	Complies	CP2015
Storage	Cool & dry place. Keep away from strong light and heat.		
Shelf	2 years when properly stored		

Conclusion: The product conforms with the above specification.

QA:Yang Jie

QC:Wang Yang