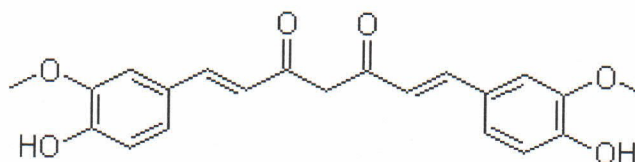


Curcumin

Batch no TKCC-240812
 Mf date Aug 12 2024
 Retest Aug 11 2026
 Batch size 500 kg

Molecular Structure



Molecular Formula $C_{21}H_{20}O_6$

Molecular Weight 368.38

CAS Registry Number 458-37-7

Sep 02 2024

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Orange-yellow powder	Conforms
Identification	Meets the requirements	Positive
Odor	Characteristic	Conforms
Loss on drying	≤ 5.0%	2.61%
Residue on ignition	≤ 5.0%	2.13%
Heavy metals	< 20 ppm	Conforms
As	< 0.5 ppm	Conforms
Pb	< 0.5 ppm	Conforms
Cd	< 0.05 ppm	Conforms
Hg	ND	ND
Pesticide residue (GC)	Acephate < 0.1 ppm	Conforms
	Methamidophos < 0.1 ppm	Conforms
	Parathion < 0.1 ppm	Conforms
	PCNB < 10 ppb	Conforms
Microbiological test	Total plate count < 1000 cfu/gr	Conforms
	Yeast & mold < 100 cfu/gr	Conforms
	E. coli Negative	Negative
	Salmonella Negative	Negative
Mesh size	100% pass 80 mesh	Conforms
Assay	≥ 99.0%	99.23%

Packaging & storage	Store in cool & dry place, keep away from strong light and heat
Conclusion	Material complies with in house standard