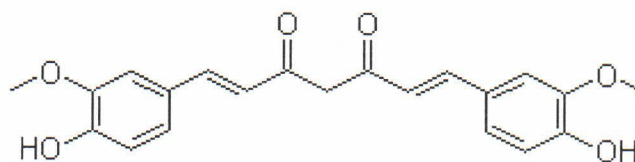


## Curcumin

Batch no TKCC-250402  
Mf date Apr 02 2025  
Retest Apr 01 2027  
Batch size 1000 kg

### Molecular Structure



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

Molecular Weight 368.38

CAS Registry Number 458-37-7

May 26 2025

Tests	Specifications	Results
Appearance	Orange-yellow powder	Conforms
Identification	Meets the requirements	Positive
Odor	Characteristic	Conforms
Loss on drying	$\leq 5.0\%$	2.6%
Residue on ignition	$\leq 5.0\%$	2.11%
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
	Methamidophos	$< 0.1$ ppm
	Parathion	$< 0.1$ ppm
	PCNB	$< 10$ ppb
Microbiological test	Total plate count	$< 1000$ cfu/gr
	Yeast & mold	$< 100$ cfu/gr
	E.coli	Negative
	Salmonella	Negative
Mesh size	100% pass 80 mesh	Conforms
Assay	$\geq 99.0\%$	99.25%

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