

QUALITY SPECIFICATION

Tetrahydrocurcumin

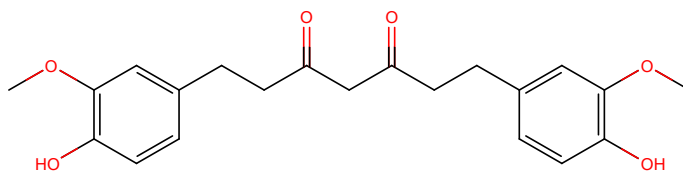
Catalog No.: NST-10-138

CAS No.: 36062-04-1

Molecular formula: C₂₁H₂₄O₆

MW: 372.40

Shelf life: 24 months



No.	Parameter	Specification	Method
1.	Appearance	Powder	Visual
2.	Color	Pale yellow	Visual
3.	Identification	Conforms	TLC&NMR
4.	Assay	≥98.0 %	HPLC
5.	Melting point	91 °C – 97 °C	USP <741>
6.	Residue on ignition	≤0.5 %	USP <281>
7.	Loss on drying	≤5.0 %	USP <731>
8.	Heavy Metals	≤10 ppm	ICP-MS
9.	Lead	≤2 ppm	ICP-MS
10.	Arsenic	≤1 ppm	ICP-MS
11.	Mercury	≤0.1 ppm	ICP-MS
12.	Cadmium	≤1 ppm	ICP-MS

Storage: store in a cool and dry place, keep away from strong light and heat

Stability: 24 months when properly stored