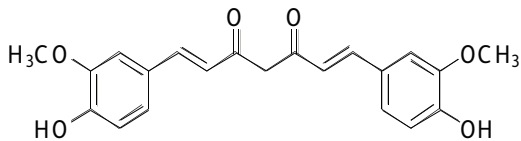


Specification

Product: Curcumin 99%

Product Detail	
Molecular Formula	C ₂₁ H ₂₀ O ₆
Molecular Weight	368.38
Chemical Structure	
Storage Condition	Store in well closed containers in a cool and dry place protected from light

S.No	Test Parameter	Specification
1.0	Description	Light yellow to orange colored solid
2.0	Identification by a) 1H NMR b) Mass	Should conform with the structure Molecular ion or other diagnostic ions should conform with the structure
3.0	Melting range (°C)	180-183
4.0	Loss on drying (% w/w)	Not more than 6.0
5.0	Heavy Metals (ppm) a) Lead b) Arsenic c) Cadmium d) Mercury	≤ 1.0 ≤ 1.0 ≤ 1.0 ≤ 1.0
6.0	Purity by HPLC (% Area)	Not less than 99.0
7.0	Microbiological Tests a) Total Aerobic Microbial Count b) Yeast and Mould c) Salmonella d) Staphylococcus e) Escherichia coli f) Pseudomonas aeruginosa	≤ 1000 CfU/g ≤ 100 CfU/g Negative Negative Negative Negative