

QUALITY SPECIFICATION

Chrysin

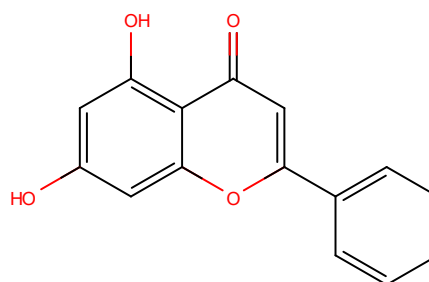
Catalog No.: NST-10-21

CAS No.: 480-40-0

Molecular formula: C₁₅H₁₀O₄

MW: 254.24

Shelf life: 2 years



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	Light yellow	Visual
3.	Identification	Conforms	TLC
4.	Assay	≥98.0 %	HPLC
5.	Odor	Characteristic	Organoleptic
6.	Taste	Characteristic	Organoleptic
7.	Mesh size/sieve	≥95% pass 80 mesh	80 mesh
8.	Bulk density	≤0.8 g/ml	USP <616>
9.	Sulfated ash	≤0.2 %	USP <281>
10.	Loss on drying	≤0.5 %	USP <731>
11.	Solvent residues	USP <467>	GC
12.	Heavy Metals	≤10 ppm	ICP-MS
13.	Lead	≤2 ppm	ICP-MS
14.	Arsenic	≤1 ppm	ICP-MS
15.	Mercury	≤0.1 ppm	ICP-MS
16.	Cadmium	≤1 ppm	ICP-MS

17.	TPC	<10 ³ CFU/g	USP <2021>
18.	TYMC	<10 ² CFU/g	USP <2021>
19.	<i>Escherichia Coli</i>	Absent	USP <2022>
20.	<i>Salmonella</i>	Absent	USP <2022>
21.	<i>Staphylococcus aureus</i>	Absent	USP <2022>

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

Stability: 24 months when properly stored