

QUALITY SPECIFICATION

Honokiol

Catalog No.: NST-10-111

CAS No.: 35354-74-6

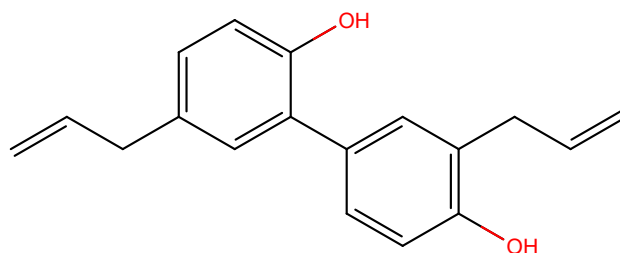
Molecular formula: C₁₈H₁₈O₂

MW: 266.33

Source: *Magnolia officinalis* Rehd.et Wils

Part used: bark

Shelf life: 2 years



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	Off-white	Visual
3.	Odor	Characteristic	Organoleptic
4.	Taste	Characteristic	Organoleptic
5.	Mesh size/sieve	≥95% pass 80 mesh	80 mesh
6.	Bulk density	≤0.8 g/ml	USP <616>
7.	Water content	≤1.0 %	KF
8.	Residue on ignition	≤1.0 %	USP <281>
9.	Identification	Complies with standard	TLC
10.	Assay	≥98.0 %	HPLC
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