

QUALITY SPECIFICATION

Paeonol

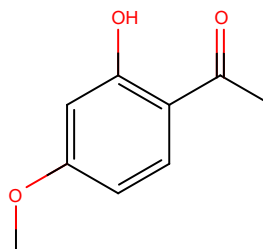
Catalog No.: NST-10-30

CAS No.: 552-41-0

Molecular formula: C₉H₁₀O₃

MW: 166.17

Shelf life: 24 months



No.	Parameter	Specification	Method
1.	Appearance	Powder	Visual
2.	Color	White	Visual
3.	Identification	Conforms	NMR
4.	Assay	≥98.0 %	HPLC
5.	Residue on ignition	≤2.0 %	USP <281>
6.	Loss on drying	≤3.0 %	USP <731>
7.	Mesh size/sieve	≥95 % pass 80 mesh	80 mesh
8.	Solvent residues	USP <467>	GC
9.	Heavy Metals	≤10 ppm	ICP-MS
10.	Lead	≤2 ppm	ICP-MS
11.	Arsenic	≤1 ppm	ICP-MS
12.	Mercury	≤0.1 ppm	ICP-MS
13.	Cadmium	≤1 ppm	ICP-MS
14.	TPC	<10 ³ CFU/g	USP <2021>
15.	TYMC	<10 ² CFU/g	USP <2021>
16.	<i>Escherichia Coli</i>	Absent	USP <2022>

17.	<i>Salmonella</i>	Absent	USP <2022>
18.	<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