

QUALITY SPECIFICATION

Pterostilbene

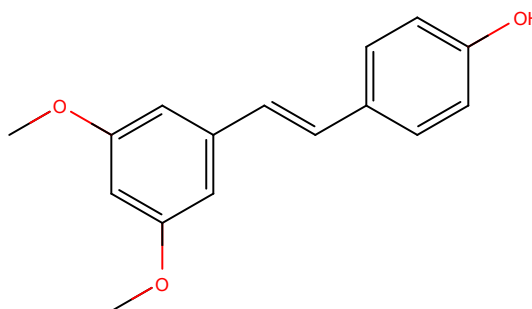
Catalog No.: NST-10-80

CAS No.: 537-42-8

Molecular formula: C₁₆H₁₆O₃

MW: 256.30

Shelf life: 2 years



No.	Parameter	Specification	Method
1.	Appearance	Powder	Visual
2.	Color	White	Visual
3.	Loss on drying	≤0.2 %	USP <731>
4.	Residue on ignition	≤0.5 %	USP <281>
5.	Assay	≥98.0 %	HPLC
6.	Heavy Metals	≤10 ppm	ICP-MS
7.	Lead	≤2 ppm	ICP-MS
8.	Arsenic	≤1 ppm	ICP-MS
9.	Mercury	≤0.1 ppm	ICP-MS
10.	Cadmium	≤1 ppm	ICP-MS
11.	TPC	<10 ³ CFU/g	USP <2021>
12.	TYMC	<10 ² CFU/g	USP <2021>
13.	<i>E. Coli</i>	Absent	USP <2022>
14.	<i>Salmonella</i>	Absent	USP <2022>
15.	<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