

QUALITY SPECIFICATION

Gastrodin

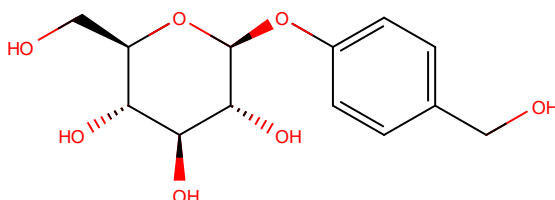
Catalog No.: NST-10-18

CAS No.: 62499-27-8

Molecular formula: C₁₃H₁₈O₇

MW: 286.28

Shelf life: 2 years



No.	Parameter	Specification	Method
1.	Appearance	Powder	Visual
2.	Color	White	Visual
3.	Clarity and color of solution	Clear and transparent colorless solution	Visual
4.	Identification	Conforms	TLC&NMR
5.	Assay	≥98.0 %	HPLC
6.	Residue on ignition	≤0.2 %	USP <281>
7.	Loss on drying	≤4.0 %	USP <731>
8.	Specific optical rotation	-68° to -72°	USP <781>
9.	Heavy Metals	≤10 ppm	ICP-MS
10.	Lead	≤1 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