

QUALITY SPECIFICATION

Glabridin

Catalog No.: NST-10-53

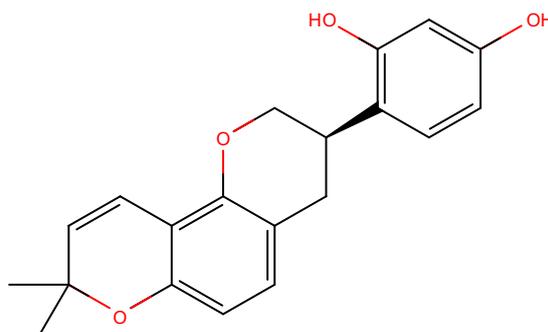
CAS No.: 59870-68-7

Molecular formula: C₂₀H₂₀O₄

MW: 324.37

Source: *Glycyrrhiza glabra L.*

Part used: root



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	White	Visual
3.	Identification	Conforms	NMR
4.	Assay	≥ 90.0 %	HPLC
5.	Sulfated ash	≤ 2.0 %	In house
6.	Loss on drying	≤ 5.0 %	In house
7.	Mesh size/sieve	NLT 95% pass 80 mesh	80 mesh
8.	Heavy Metals	≤10 ppm	ICP-MS
9.	Lead	≤2 ppm	ICP-MS
10.	Arsenic	≤1 ppm	ICP-MS
11.	Mercury	≤0.1 ppm	ICP-MS
12.	Cadmium	≤1 ppm	ICP-MS
13.	TPC	Not more than 10 ³ CFU/g	ISO 6579:2002
14.	TYMC	Not more than 10 ² CFU/g	ISO 6579:2002

15.	<i>Escherichia Coli</i>	Absent	ISO 6579:2002
16.	<i>Salmonella</i>	Absent	ISO 6579:2002
17.	<i>Staphylococcus aureus</i>	Absent	ISO 6579:2002

Storage: long term storage - airtight container +2 ... +8 °C

Stability: 24 months when properly stored