

QUALITY SPECIFICATION

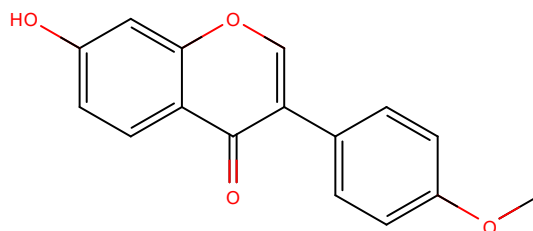
Formononetin

Catalog No.: NST-10-17

CAS No.: 485-72-3

Molecular formula: C₁₆H₁₂O₄

MW: 268.26



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	White	Visual
3.	Identification	Conforms	TLC&NMR
4.	Purity	≥98.0%	HPLC
5.	Sulfated ash	≤1.0 %	In house
6.	Water	≤2.0 %	Karl Fischer titration
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
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Storage: long term storage - airtight container +2 ... +8 °C

Stability: 24 months when properly stored