

QUALITY SPECIFICATION

Madecassoside

Catalog No.: NST-10-177

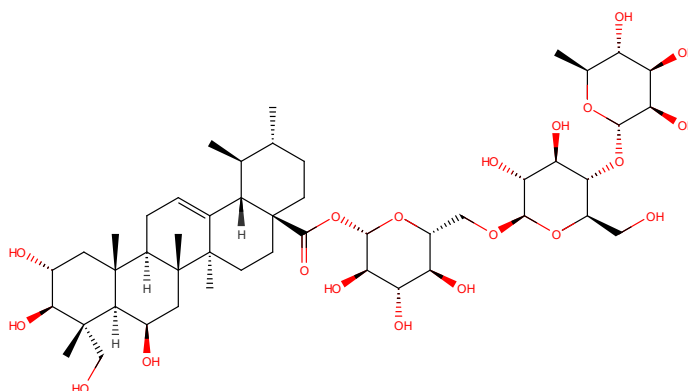
CAS No.: 34540-22-2

Molecular formula: C₄₈H₇₈O₂₀

MW: 975.12

Source: *Centella asiatica*

Part used: whole herb



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	White	Visual
3.	Identification	Conforms	TLC
4.	Purity	≥90.0%	HPLC
5.	Taste	Characteristic	Organoleptic
6.	Sulfated ash	≤1.0 %	In house
7.	Loss on drying	≤3.0 %	In house
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