

QUALITY SPECIFICATION

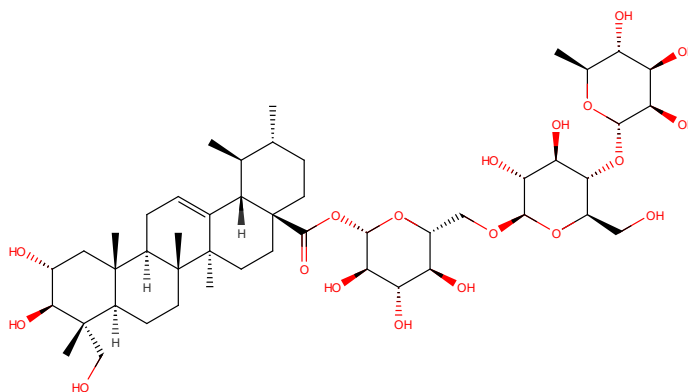
Asiaticoside

Catalog No.: NST-10-149

CAS No.: 16830-15-2

Molecular formula: C₄₈H₇₈O₁₉

MW: 959.12



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	White	Visual
3.	Assay	≥90.0%	HPLC
4.	Sulfated ash	≤1.0 %	In house
5.	Loss on drying	≤3.0 %	In house
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	Not more than 10 ³ CFU/g	ISO 6579:2002
12.	TYMC	Not more than 10 ² CFU/g	ISO 6579:2002
13.	<i>Escherichia Coli</i>	Absent	ISO 6579:2002
14.	<i>Salmonella</i>	Absent	ISO 6579:2002
15.	<i>Staphylococcus aureus</i>	Absent	ISO 6579:2002

Storage: long term storage - airtight container +2 ... +8 °C
Stability: 24 months when properly stored