

QUALITY SPECIFICATION

Rebaudioside A

Catalog No.: NST-10-211

CAS No.: 58543-16-1

Molecular formula: $C_{44}H_{70}O_{23}$

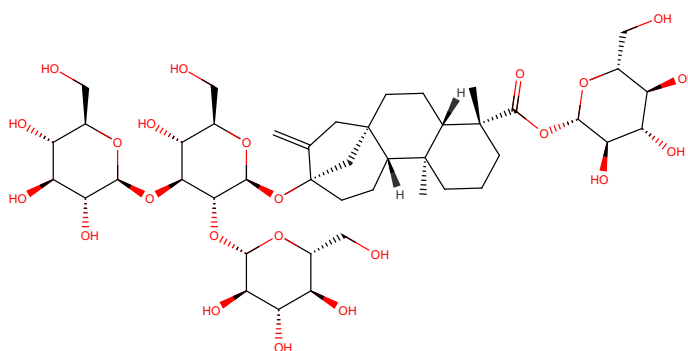
MW: 967.01

Source: *Stevia Rebaudiana* Bertoni

Part used: leaves

Solvent used: ethanol and water

Shelf life: 24 months



No.	Parameter	Specification	Method
1.	Appearance	Powder	Visual
2.	Color	White	Visual
3.	Identification	Conforms	TLC&NMR
4.	Purity	≥98.0 %	HPLC
5.	Loss on drying	≤5.0 %	USP <731>
6.	Solvent residues	≤5000 ppm	GC
7.	Heavy Metals	≤10 ppm	ICP-MS
8.	Lead	≤2 ppm	ICP-MS
9.	Arsenic	≤1 ppm	ICP-MS
10.	Mercury	≤0.1 ppm	ICP-MS
11.	Cadmium	≤1 ppm	ICP-MS
12.	TPC	<10 ³ CFU/g	USP <2021>
13.	TYMC	<10 ² CFU/g	USP <2021>

14.	<i>Escherichia Coli</i>	Absent	USP <2022>
15.	<i>Salmonella</i>	Absent	USP <2022>
16.	<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