

QUALITY SPECIFICATION

Stigmasterol

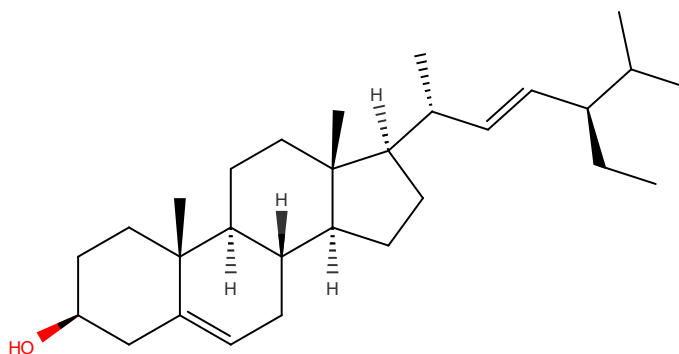
Catalog No.: NST-10-57

CAS No.: 83-48-7

Molecular formula: C₂₉H₄₈O

MW: 412.69

Shelf life: 3 years



No.	Parameter	Specification	Method
1.	Appearance	Powder	Visual
2.	Color	White	Visual
3.	Assay	≥95.0 %	GC
4.	Residue on ignition	≤2.0 %	USP <281>
5.	Loss on drying	≤2.0 %	USP <731>
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	<10 ³ CFU/g	USP <2021>
12.	TYMC	<10 ² CFU/g	USP <2021>
13.	<i>Escherichia Coli</i>	Absent	USP <2022>
14.	<i>Salmonella</i>	Absent	USP <2022>
15.	<i>Staphylococcus aureus</i>	Absent	USP <2022>

Storage: store in a cool and dry place, keep away from strong light and heat

Stability: 36 months when properly stored