

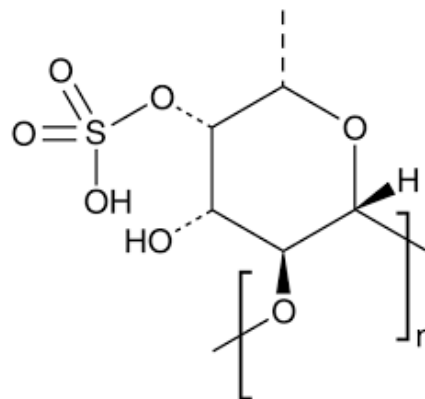
QUALITY SPECIFICATION

Fucoidan

Catalog No.: NST-10-232

CAS No.: 9072-19-9

Shelf life: 24 months



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	Light brown	Visual
3.	Odor	Characteristic	Organoleptic
4.	Taste	Characteristic	Organoleptic
5.	Organic SO ₄ ²⁻	≥20.0 %	In house
6.	Total sugar	≥70.0 %	In house
7.	L-Fucose	≥20.0 %	HPLC
8.	Other Monosaccharide	≥7.0 %	In house
9.	Loss on drying	≤10.0 %	USP <731>
10.	Residual solvents	Ph. Eur. 2.4.24	Ph. Eur. 2.4.24
11.	Water solubility	Soluble	1:100
12.	Viscosity	3-15 cps	Viscometer
13.	Heavy Metals	≤10 ppm	ICP-MS
14.	Lead	≤2 ppm	ICP-MS
15.	Arsenic	≤1 ppm	ICP-MS
16.	Mercury	≤0.1 ppm	ICP-MS

17.	Cadmium	≤1 ppm	ICP-MS
18.	TPC	<10 ³ CFU/g	AOAC,BAM
19.	TYMC	<10 ² CFU/g	AOAC,BAM
20.	<i>Escherichia Coli</i>	Absent	AOAC,BAM
21.	<i>Salmonella</i>	Absent	AOAC,BAM
22.	<i>Staphylococcus aureus</i>	Absent	AOAC,BAM

Storage: Store in a sealed container in a dry place. Don't let the product be directly exposed to the air for a long time to avoid moisture absorption, protect it from direct sunlight, high temperature and moisture.

Stability: 24 months when properly stored