



**FLUXOME**  
**BETA GLUCAN**

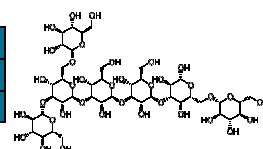
**Product Data Sheet**

**Description**

Fluxome® Beta Glucan is a nutraceutical blend, which consists of natural beta glucans produced by fermentation. The product is supplied in a blended powder form for inclusion in dietary supplement formulations such as capsules and tablets.

**Lentinan/Beta (1,3-1,6) –D-glucan**

CAS 37339-90-5
C <sub>42</sub> H <sub>72</sub> O <sub>36</sub>
Molecular weight: 1153 g/mol



**Specifications**

<b>Appearance</b>	Beige powder
<b>Bioactive ingredient</b>	Beta (1,3-1,6) –D-glucan
<b>Loss on drying</b>	< 5%
<b>Bulk density</b>	0.3-0.4 g/cm <sup>3</sup>
<b>Solubility</b>	Disperses in cold water (10°C) to form a cloudy solution

**Microbial & Contaminant Analysis**

Test	Spec range	Method
<b>Total plate count</b>	NMT 1000 cfu/g	Plate count
<b>Coliforms</b>	< 10 cfs/g	Plate count
<b>Salmonella</b>	Absent	Plate count
<b>E. Coli</b>	Absent	Plate count
<b>Yeast/Mold</b>	NMT 100 cfu/g	Plate count
<b>Solvents</b>	No solvents	GC
<b>Pesticides</b>	Not detectable	HPLC
<b>Heavy metals</b>	Not detectable	IPC

**Product Composition**

Test	Spec range	Method
<b>Beta (1,3-1,6) –D-glucan</b>	0.85 – 1.15 mg/g	GNm-003 (ethanol precipitation)
<b>Microcrystalline cellulose</b>	>99%	Manufacturers guarantee
<b>Residual Glucose</b>	10-30 mg/g	GNm-008 (Enzymatic)
<b>Total protein</b>	0.02 - 0.05 mg/g	GNm-005 (Bradford)

**Storage and Packing**

<b>Storage</b>	5-7 °C in dry conditions
<b>Stability</b>	18 months stored in the original unopened packaging under recommended storage conditions
<b>Packing</b>	25 kg alu-foil bag-in-box

07/12/2010

Fluxome® Beta Glucan is manufactured by GlycaNova Norway AS.

