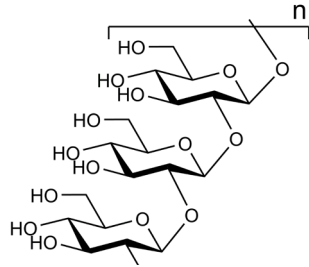


1,2- β -GLUCAN (Lot 191001)

CAT. NO: P-BGLUI2
CAS: N/A
Source: Sugar beet (sucrose)

11/19

STRUCTURE



Schematic representation of a 1,2- β -Glucan unit composed by β -(1,2) linked glucose monosaccharides.

PROPERTIES

Moisture: < 2.5%
Physical Description: White powder
Solubility: > 200 mg/mL

STORAGE CONDITIONS

Store dry at room temperature in a well-sealed container. Under these conditions, the product is stable for several years.

HPAEC-PAD:

Column: CarboPac PA200 guard and analytical columns (3 x 250 mm)

Temperature: 30°C

Detector: Au electrode; waveform Carbohydrate, standard quad

Flow rate: 0.5 mL/min

IC system: Dionex ICS5000 + DP system and Chromeleon 7 software

A stepwise linear gradient method was employed as shown.

Time (min)	100 mM NaOH (%)	320 mM NaOAc in 100 mM NaOH (%)
0	100	0
40	0	100
50	0	100
50.5	100	0
60	100	0

