

Specification Sheet

CELLINK Glucomannan

Product Description	Thickener of hydrogels and bioinks to be used in cell culture. Research Grade. For research use ONLY. Not intended for <i>in vitro</i> diagnostics and <i>in vivo</i> uses. Not intended for administration in humans or animals. Produced under sterile and aseptic conditions.		
Product Number	VL900000	Shelf Life	12 months
Storage	Store at 4-25°C.		
Handling	Keep in a dry place.		
Safety	Handle in accordance with good hygiene and laboratory safety practices.		

Property	Specification	Method
<i>Appearance</i>	White to off-white powder	Visual inspection.
<i>Sterility</i>	Sterile	Tested for the presence of bacteria, fungi and yeast.
<i>Endotoxin level</i>	≤100 EU/g	Limulus Amoebocyte Lysate assay, Pharmacopoeia 2.6.14 "Bacterial endotoxins": Method D, accredited by SWEDAC. Accreditation Certification 1240: ISO 15189, 2010-11-22.
<i>Cytotoxicity</i>	Not cytotoxic	Direct contact method according to ISO 10993-5 cytotoxicity testing.
<i>pH</i>	6.5-7.4	1% in water. Assessed with pH meter.
<i>Viscosity</i>	201±7 Pa·s for 2% in PBS	Measured at a shear rate of 1 s ⁻¹ . Tested using rotational 20 mm plate-plate HR-2 TA Instruments Rheometer. Flow sweep parameters: shear rate from 0.002 s ⁻¹ to 500 s ⁻¹ , 25°C.