

## Specification Sheet

# CELLINK Xanthan Gum

<b>Product Description</b>	Thickener of hydrogels and bioinks to be used in cell culture. <b>Research Grade.</b> 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.		
<b>Product Number</b>	VL800000	<b>Shelf Life</b>	12 months
<b>Storage</b>	Store at 4-25°C.		
<b>Handling</b>	Keep in dry place.		
<b>Safety</b>	Handle in accordance with good hygiene and laboratory safety practices.		

Property	Specification	Method
Appearance	White to off white powder	Visual inspection.
Sterility	Sterile	Tested for the presence of bacteria, fungi and yeast.
Endotoxin level	<150 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.
Cytotoxicity	Not cytotoxic	Direct contact method according to ISO 10993-5 cytotoxicity testing.
pH	6.5-7.4	1% in water. Assessed with pH meter.
Viscosity	52±3 Pa·s for 2% in PBS	Measured at a shear rate of 1 s <sup>-1</sup> . Tested using rotational 20 mm plate-plate HR-2 TA Instruments Rheometer. Flow sweep parameters: shear rate from 0.002 s <sup>-1</sup> to 500 s <sup>-1</sup> , 25°C.