

Specification Sheet

CELLINK Nanofibrillated Cellulose

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	IKT10000	Shelf Life	6 months
Storage	Store at 4-8°C.		
Handling	DO NOT FREEZE. Avoid temperature fluctuations.		
Safety	Handle in accordance with good hygiene and laboratory safety practices.		

Property	Specification	Method
Appearance	White opaque gel	Visual inspection.
Sterility	Sterile	Tested for the presence of bacteria, fungi and yeast.
Endotoxin level	≤50 EU/ml	Limulus Amoebocyte Lysate assay, Pharmacopoeia 2.6.14 "Bacterial endotoxins": Method D, accredited by SWEDAC. Accreditation Certification 1240: ISO 15189, 2010-11-22.
pH	6.5-7.4	1% in water. Assessed with pH meter.
Viscosity	23±4 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.
Dry content	3.8%	Measured using moisture analyzer.