

Materials List for:

Molecular Entanglement and Electrospinnability of Biopolymers

Lingyan Kong¹, Gregory R. Ziegler¹

¹Department of Food Science, Pennsylvania State University

Correspondence to: Lingyan Kong at lzk119@psu.edu

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Materials

Name	Company	Catalog Number	Comments
Gelose 80 starch	Ingredion		Used as it is
Pullulan	Hayashibara Co. Ltd		Used as it is
Dimethyl sulfoxide	BDH Chemicals	BDH1115-4LP	
Ethanol	VWR International	89125-172	200 proof
Rheometer	TA Instruments	ARES	50 mm cone and plate geometry
Syringe (10 ml)	Becton, Dickinson and Company	309604	Syringe with Luer-Lok® Tip
High voltage generator	Gamma High Voltage Research, Inc.	ES40P	
Syringe pump	Hamilton Company	81620	
Environmental scanning electron microscope	FEI Company	Quanta 200	for starch fibers
Environmental scanning electron microscope	Phenom-World	Phenom G2 Pro	for pullulan fibers