

Materials List for:

A High Performance Impedance-based Platform for Evaporation Rate Detection

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Materials

Name	Company	Catalog Number	Comments
95% ethanol	Echo Chemical Co., Ltd., Miaoli, Taiwan	484000001103C-00EC	
Acetone	Avantor Performance Materials Inc., Center Valley, PA, USA	JTB-9005-68	
Development solution	Kemitek Industrial Crop., Hsinchu, Taiwan	12F01031	KTD-1
Etching solution	eSolv Technology Co., Taipei, Taiwan		EG-462
Hyaluronic acid	Shandong Freda Biopharm Co., Ltd., Jinan, China	1010212	Molecular weight 980k, Cosmetic Grade
Photoresist solution	AZ Electronic Materials Taiwan Co., Ltd., Hsinchu, Taiwan	65101M19	AZ6112
8-well silicone array	Greiner bio-one Inc., Frickenhausen, Baden-Württemberg, Germany	FlexiPERM	
ITO glass	GemTech Optoelectronics Co., Taoyuan, Taiwan		
Vial	Sigma-Aldrich Co. LLC., St. Louis, MO, USA	854190	
Film photomask	Taiwan Mesh Co., Ltd, Taoyuan, Taiwan		
Lock-in amplifier	Stanford Research Systems, Inc., Palo Alto, CA, USA	SR830	
Switch relay	Instrument Technology Research Center, National Applied Research Laboratories, Hsinchu, Taiwan		
Electronic balance machine	Radwag Inc., Radom, Poland	AS 60/220/C/2	