

Materials List for:

Electrophoretic Crystallization of Ultrathin High-performance Metal-organic Framework Membranes

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Materials

Name	Company	Catalog Number	Comments
Zinc nitrate hexahydrate	Sigma-Aldrich	96482-500G	98% purity
2-Methylimidazole	Sigma-Aldrich	M50850-500G	99% purity
Benzimidazole	TCI	B0054-500G	98% purity
Tape	DuPont	KPT-1/8	
Epoxy	GC Electronics	19-823	
Copper foil	Alfa Aesar	13380.CV	99.9% purity
Power source for EPD	Gamry Instruments	Interface 1000E Potentiostat	
Ultrasonic cleaner	MTI corporation	VGT-1860QTD	
AAO	GE Healthcare Life Sciences*	6809-7013	
PAN	Shandong MegaVision		The molecular weight cut-off is 100 kDa