

Materials List for:

Preparation of Polyoxometalate-based Photo-responsive Membranes for the Photo-activation of Manganese Oxide Catalysts

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URL: <https://www.jove.com/video/58072>

DOI: [doi:10.3791/58072](https://doi.org/10.3791/58072)

Materials

Name	Company	Catalog Number	Comments
Poly(vinyl Alcohol) 1000, Completely Hydrolyzed	Wako	162-16325	
Polyacrylamide, Mv 6,000,000	Polyaciencies, Inc.	2806	May contain carcinogenic monomer, acrylamide.
12 Tungsto(VI)phosphoric Acid n-Hydrate	Wako	164-02431	Highly acidic
Acetone 99.5 + %(GC)	Wako	012-00343	
25% Glutaraldehyde Solution	Wako	079-00533	
Hydrochloric Acid 35-37%	Wako	080-01066	
Cerium(III) Nitrate Hexahydrate 98 + %(Ti)	Wako	031-09732	
Cobalt(II) Chloride Hexahydrate 99 + %(Ti)	Wako	036-03682	
Pottasium Permanganate 99.3 + %(Ti)	Wako	167-04182	Highly oxydative
Sodium Thiosulfate Pentahydrate 99 + %(Ti)	Wako	197-03585	
Automatic spray gun	Lumina	ST-6	