

Materials List for:

Nanostructured Ag-zeolite Composites as Luminescence-based Humidity SensorsEduardo Coutino-Gonzalez*¹, Wouter Baekelant*¹, Bjorn Dieu¹, Maarten B.J. Roeffaers², Johan Hofkens¹¹Division of Molecular Imaging and Photonics, Department of Chemistry, KU Leuven²Centre for Surface Chemistry and Catalysis, Department of Microbial and Molecular Systems, KU Leuven

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Name	Company	Catalog Number	Comments
LTA(Na) zeolite	UOP	Molsiv adsorbent 4A	
Silver nitrate	Sigma Aldrich	209139	≥99.0%
Lithium nitrate	Sigma Aldrich	62574	≥99.0%, calc. on dry substances
Polyethyleneimine solution	Sigma Aldrich	3880	~50% H ₂ O
Scanning electron microscope (SEM)	JEOL	JSM-6010LV	
Thermogravimetric analyzer	TA instruments	Q500	
Spectrofluorimeter	Edinburgh instruments	FLS980-s	
Integrating sphere	Labsphere	4P-GPS-033-SL	