

Materials List for:

Sulfate Separation by Selective Crystallization with a Bis-iminoguanidinium Ligand

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Materials

Name	Company	Catalog Number	Comments
Terephthalaldehyde	Sigma	T2207	
Aminoguanidinium Chloride	Sigma	#396494	
Sodium Sulfate	Sigma	#239313	
Barium Chloride	Sigma	#342920	Highly Toxic
Ethanol	Any		Reagent Grade (190 proof)
Sodium Hydroxide	EMD	SX0590-1	
Hydrochloric Acid	Sigma	#258148	
Filter Paper	Any	-	Any qualitative or analytical filter paper will work
Syringe Filter (0.22 µm)	Any	-	Nylon filter
³⁵ S Labeled Sulfate	Perkin Elmer	NEX041005MC	
Ultima Gold Scintillation Cocktail	Perkin Elmer	#6013329	
Polypropylene Vials	Any	-	
Disposable Syringe (2-3 ml)	Any	-	Any disposable plastic syringe works