

Materials List for:

Preparation of DMMTA^V and DMDTA^V Using DMA^V for Environmental Applications: Synthesis, Purification, and Confirmation

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Materials

Name	Company	Catalog Number	Comments
Cacodylic acid	Sigma-Aldrich	20835-10G-F	
Sodium sulfide nonahydrate	Sigma-Aldrich	S2006-500G	
Sulfuric acid 96%	J.T.Baker	0000011478	
Ammonium acetate	Sigma-Aldrich	A7262-500G	
Formic acid 98%	Wako Pure Chemical Industries, Ltd.	066-00461	
Diethyl ether (Extra Pure)	Junsei Chemical	33475-0380	
Adapter cap for 60 mL Bond Elut cartridges	Agilent Technologies	12131004	Syringe type of SPE
Bond Elut C18 cartridge	Agilent Technologies	14256031	Syringe type of SPE
HyPURITY C-18	Thermo Scientific	22105-254630	5 um, 125 x 4.6 mm
Glovebox	Chungae-chun, Rep. of Korea		Customized
Agilent 1260 Infinity Bio-inert LC	Agilent Technologies	DEAB600252, DEACH00245	
Agilent Technologies 7700 Series ICP-MS	Agilent Technologies	JP12031510	
Finnigan LCQ Deca XP MAX Mass Spectrometer System	Thermo Electron Corporation	LDM10627	