

Materials List for:

Development of Sulfidogenic Sludge from Marine Sediments and Trichloroethylene Reduction in an Upflow Anaerobic Sludge Blanket Reactor

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Materials

Name	Company	Catalog Number	Comments
trichloroethylene	sigma Aldrich	251402	
<i>cis</i> -1,2-dichloroethylene	sigma Aldrich		
<i>trans</i> -1,2-dichloroethylene	sigma Aldrich	D-62209	
vinyl chloride scotty standard	supelco		1,000 ppm v/v in nitrogen
ethene scotty standard	supelco		99% purity
pump	Masterflex		Model 7553-75
spectrophotometer	any		
microcentrifuge	any		
gas tight syringes	any		100 and 200 microliters
UASB glass reactor	any		under design
gas chromatograph	any		FID detector
capillary column SPB-624	supelco		
pH meter	any		
viton tubing	Masterflex		
basal medium reagents	any		
trace metals reagents	any		
vitamins solution reagents	any		
sodium sulfate	any		
volatile fatty acids	any		
COD determination kit	HACH		range 0-15,000 mg/L
TOPO-TA cloning kit pCR®4.0	Invitrogen, US		
S.N.A.P. TM Miniprep Kit	Invitrogen, UK		
Pure link TM Quick Plasmid Miniprep kit	Invitrogen		