

Materials List for:

Waste Water Derived Electroactive Microbial Biofilms: Growth, Maintenance, and Basic Characterization

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Materials

Name	Company	Catalog Number	Comments
Primary waste water	Waste water treatment plant		Taken after mechanical filtration
250 ml Round-bottom flasks with three additional inlets	Th.Geyer Berlin GmbH, Germany	9.011 845	Additional inlets were attached by our in-house glassblower
Ag/AgCl reference electrode (sat. KCl, 0.195 V vs. SHE) with ceramic diaphragm	Sensortechnik Meinsberg, Germany	SE 11	
Graphite rods (Ø=1 cm, l=3 and 5 cm)	CP-Handels-GmbH, Wachtberg, Germany		Used as electrode material
Stainless steel, No. 1.4301, Wire Fe/Cr18/Ni10	Goodfellow GmbH, Bad Nauheim, Germany	155-923-05	
Silicon plugs	Th.Geyer Berlin GmbH, Germany	9.230 512 and	
Parafilm	neoLab, Heidelberg, Germany	3-1011	For sealing to maintain anaerobic conditions
Potentiostat/ Galvanostat Model MPG2	BioLogic Science Instruments, France		
EC-Lab	BioLogic Science Instruments, France		software for performing electrochemistry measurements
Origin 8.6	OriginLab		data analysis software