Supplementary Material

Green Synthesis of Pure Superparamagnetic Fe_3O_4 Nanoparticles Using *Shewanella* sp. in a Non-Growth Medium

Saranath Parthasarathy and T. S. Chandra *

Department of Biotechnology, Bhupat & Jyoti Mehta School of Biosciences, Indian Institute of Technology Madras, Chennai 600036, Tamil Nadu, India; saranath.parthasarathy@biotech.iitm.ac.in

* Correspondence: chandra@iitm.ac.in

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Table S1. Defined growth medium (pH 7.3 ± 0.2) used for dissimilatory iron reduction by *Shewanella putrefaciens* CN-32.

COMPONENT	AMOUNT	TRACE MINERAL SOLUTION	AMOUNT (g/L)	TRACE VITAMIN SOLUTION	AMOUNT (g/L)
NH_4Cl	1 g/L	Nitrilotriacetic acid	1.5	Biotin	0.02
NaCl	1 g/L	$FeCl_2 \cdot 4H_2O$	0.2	Folic acid	0.02
$MgCl_2 \cdot 6H_2O$	0.2 g/L	$MgCl_2 \cdot 6H_2O$	0.1	Pyridoxine hydrochloride	0.1
$CaCl_2 \cdot 2H_2O$	0.08 g/L	Na_2WO_4	0.02	Thiamine hydrochloride	0.05
HEPES Buffer	7.2 g/L	$MnCl_2 \cdot 4H_2O$	0.1	Riboflavin	0.05
Trace Mineral Solution	10 mL/L	$CaCl_2 \cdot 2H_2O$	1	Nicotinic acid	0.05
Trace Vitamin Solution	1 mL/L	$CoCl_2 \cdot 6H_2O$	0.1	Pantothenic acid	0.05
		$ZnCl_2$	0.05	Cyanocobalamin	0.001
		$CuCl_2 \cdot 2H_2O$	0.002	*p*-Aminobenzoic acid	0.05
		H_3BO_3	0.005	Lipoic acid	0.05
		$Na_2MoO_4 \cdot 2H_2O$	0.01		
		NaCl	1		
		Na_2SeO_3	0.017		
		$NiCl_2 \cdot 6H_2O$	0.024		