

Chemical	Formula	500 x concentration mM	1 x concentration μ M
Zinc sulphate	ZnSO ₄ .7H ₂ O	12.5	25.0
Nickel sulphate	NiSO ₄ .6H ₂ O	8.52	17.0
Manganese sulphate	MnSO ₄ .H ₂ O	7.51	15.0
Cobalt sulphate	CoSO ₄ .7H ₂ O	5.98	9.96
Copper sulphate	CuSO ₄ .5H ₂ O	2.52	5.05
Disodium molybdate	Na ₂ MoO ₄ .2H ₂ O	0.87	1.74
Boric acid	H ₃ BO ₃	0.16	0.32
Sulfuric acid	H ₂ SO ₄	60 (5 ml of 12 M)	120

Table S3. 100x trace metal solution.

Composition of the trace metal solution developed based on the reviewed defined media recipes.