

Table S1: Composition of chemically-defined medium

Description	Value	Description	Value
NaCl	4 M	L-Ala	2.5 mM
KNO ₃	1 mM	L-Arg	3.5 mM
KCl	27 mM	L-Ile	3.4 mM
MgSO ₄ * 7H ₂ O	81 mM	L-Met	1.3 mM
Sodium Citrate * H ₂ O	1.7 mM	L-Pro	0.9 mM
K ₂ HPO ₄	0.42 mM	L-Phe	0.8 mM
KH ₂ PO ₄	0.58 mM	L-Ser	5.8 mM
FeSO ₄ * 7H ₂ O	11.6 μ M	L-Thr	4.2 mM
CuSO ₄ * 5H ₂ O	0.2 μ M	L-Tyr	1.1 mM
MnCl ₂ * 4H ₂ O	1.8 μ M	L-Val	2.5 mM
ZnSO ₄ * 7H ₂ O	1.5 μ M	L-Lys	2.1 mM
Na ₂ MoO ₄ * 2H ₂ O	0.1 μ M	Thiamin	16.5 μ M
L-Asp	3 mM	Folate	11.5 μ M
L-Glu	13.5 mM	Biotin	2.1 μ M
L-Leu	6.1 mM	pH	7.2
L-Gly	1 mM		