

514c: REACTIVATION WITH LIQUID MEDIUM 514

This recipe contains strain-specific modifications for *Sphingomicrobium lutoense* DSM 24194 *

Final pH: 7.6

Final volume: 1000 ml

514. BACTO MARINE BROTH (DIFCO 2216) 1000.00 ml

Rehydrate and grow lyophilized cells from the ampoule in 5 ml liquid medium 514. Subsequent subculturing may be carried out in liquid medium or on agar plates.

* Addition of a vitamin solution may accelerate growth

514. BACTO MARINE BROTH (DIFCO 2216)

Bacto peptone	5.00	g
Yeast extract (Bacto)	1.00	g
Fe(III) citrate	0.10	g
NaCl	19.45	g
MgCl ₂ (dried)	5.90	g
Na ₂ SO ₄	3.24	g
CaCl ₂	1.80	g
KCl	0.55	g
Na ₂ CO ₃	0.16	g
KBr	0.08	g
SrCl ₂	34.00	mg
H ₃ BO ₃	22.00	mg
Na-silicate	4.00	mg
NaF	2.40	mg
(NH ₄)NO ₃	1.60	mg
Na ₂ HPO ₄	8.00	mg
Agar	18.00	g
Distilled water	1000.00	ml

Final pH should be 7.6 ± 0.2 at 25°C. If using the complete medium from Difco add 37.4 g to 1 litre water.