

514f: MARINE BROTH (ROTH CP73)

This recipe contains strain-specific modifications for *Photobacterium carnosum* DSM 105454 *

Final pH: 7.4 - 7.8

Final volume: 1000 ml

Peptone	5.00	g
Yeast extract	1.00	g
Fe(III) citrate	0.10	g
NaCl	19.40	g
MgCl ₂	8.80	g
Na ₂ SO ₄	3.24	g
CaCl ₂	1.80	g
KCl	0.55	g
NaHCO 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
Distilled water	1000.00	ml
Agar, if required	15.00	g/l
545. TRYPTONE SOYA BROTH (TSB)	1000.00	ml

Final pH should be 7.6 ± 0.2 at 25°C. Add 15.0 g/l agar for solid media. We recommend using the medium supplied by Carl Roth GmbH + Co. KG for *Marinomonas mediterranea* [DSM 23531](#).

* Mix 1 volume medium 514 and one volume medium 535 (trypticase soy agar/broth)

545. TRYPTONE SOYA BROTH (TSB)* (from medium 535b)

Casein peptone	17.00	g
Soy peptone	3.00	g
D(+)-Glucose	2.50	g
NaCl	5.00	g
K ₂ HPO ₄	2.50	g
Agar	15.00	g
Distilled water	1000.00	ml

1. Adjust pH to 7.3.
2. Medium 545 is the same as Caso Bouillon (Merck or Oxoid, Germany).