

## 514f: MARINE BROTH (ROTH CP73)

This recipe contains strain-specific modifications for *Marinomonas mediterranea* DSM 23531 \*

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 <sub>2</sub>	8.80	g
Na <sub>2</sub> SO <sub>4</sub>	3.24	g
CaCl <sub>2</sub>	1.80	g
KCl	0.55	g
NaHCO <sub>3</sub>	0.16	g
KBr	0.08	g
SrCl <sub>2</sub>	34.00	mg
H <sub>3</sub> BO <sub>3</sub>	22.00	mg
Na-silicate	4.00	mg
NaF	2.40	mg
(NH <sub>4</sub> )NO <sub>3</sub>	1.60	mg
Na <sub>2</sub> HPO <sub>4</sub>	8.00	mg
Distilled water	1000.00	ml
Agar, if required	15.00	g/l

Final pH should be  $7.6 \pm 0.2$  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.

\* ROTH-Medium