

YTSS Medium

Matthew Sullivan

Abstract

Citation: Matthew Sullivan YTSS Medium. **protocols.io**

dx.doi.org/10.17504/protocols.io.dbq2mv

Published: 02 Feb 2016

Guidelines

YTSS

	per 500 ml	
	1/2	1/10
Trypton	1.25 g	0.25 g
Yeast Extract	2 g	0.4 g
Sea Salts	10 g	10 g
Agar	7.5-9 g	7.5-9 g

For TM1040, use 1/2 YTSS, 30C, in dark, 200-250 rpm if in liquid;

For Jannaschia CCS1 and CCS2, use 1/10 YTSS, 22-24C, in dark, 200-250 rpm if in liquid.

For all other Roseos, use 1/2 YTSS.

Note from Matt: The 1/2x (30°C+shaking) is for the bugs that are more coastal, and the 1/10thx (22-24°C + shaking) is for the bugs that are more open ocean.

Sea Salts: use 100 kDa permeate from TFF seawater to prepare media and this will take care of “sea salts” for the medium.

Protocol