

## 252: STARCH - MINERAL SALT - AGAR (STMS)

This recipe contains strain-specific modifications for *Streptomyces sp.* DSM 41407 \*

Final pH: \* 4.5

Final volume: 1000 ml

Starch (soluble)	10.00	g
(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	2.00	g
K <sub>2</sub> HPO <sub>4</sub>	1.00	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	1.00	g
NaCl	1.00	g
CaCO <sub>3</sub>	2.00	g
<b>Trace element solution</b>	1.00	ml
Agar	20.00	g
Distilled water	1000.00	ml

Adjust pH to 7.2.

\* Adjust pH of final medium to 4.5

### **Trace element solution** (from medium 84)

FeSO <sub>4</sub> x 7 H <sub>2</sub> O	0.10	g
MnCl <sub>2</sub> x 4 H <sub>2</sub> O	0.10	g
ZnSO <sub>4</sub> x 7 H <sub>2</sub> O	0.10	g
Distilled water	100.00	ml