

**182. SACCHAROLOBUS SOLFATARICUS MEDIUM**

Yeast extract (OXOID)	1.00	g
Casamino acids (BD BBL)	1.00	g
KH <sub>2</sub> PO <sub>4</sub>	3.10	g
(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	2.50	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	0.20	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	0.25	g
Allen's trace element solution (see medium 88)	10.00	ml
Distilled water	1000.00	ml

Dissolve all compounds except yeast extract and Casamino acids, adjust pH to 4.0 - 4.2 with 10 N H<sub>2</sub>SO<sub>4</sub> at room temperature and autoclave. Prior to inoculation add yeast extract and Casamino acids from stock solutions sterilized by filtration.

For [DSM 5354](#) adjust pH of medium to 3.5.