

MYP Agar Base

Cereus Selective Agar Base acc. to Mossel

TN 1291 500 g



Intended use

Used for the determination of the colony count, and for the detection and isolation of *Bacillus cereus* from foodstuffs (according to § 64 German Food and Feed Code).

Form

Powder

Colour

Orange

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

5 years

Typical composition

Component	g/l
Casein peptone	10
Meat extract	1
D(-)-Mannitol	10
Sodium chloride	10
Phenol red	0.025
Agar	12

Directions

Suspend 43.0 g in 900 ml distilled water and heat until completely dissolved. Autoclave at 121 °C for 15 minutes and cool down to 45-50 °C. Prepare 4 bottles (4 x 25 ml) Egg Yolk Emulsion (TN 1316) and 2 bottles Bacillus Cereus Selective Supplement (TN 1315) according to instructions and add these under aseptic conditions to 900 ml base medium. Mix well and pour plates.

Final pH at 25 °C

7.2 ± 0.2

Microbiological quality control

Incubate MYP Agar Base (Cereus Selective Agar Base acc. to Mossel) aerobically for 18-24 hours at 30 ± 1 °C.

Test strain	ATCC no.	CFU/ plate	Recovery rate	Colony morphology
<i>Bacillus cereus</i>	11178	10-100	>50 %	large, dry colonies with reddish-pink underside, surrounded by a clearly visible precipitate corona
<i>Bacillus subtilis</i>	6633	10-100	>50 %	yellow or pink colonies with no precipitate corona
<i>Escherichia coli</i>	8739	100-1000	<0.1 %	n.a.
<i>Pseudomonas aeruginosa</i>	9027	100-1000	<0.1 %	n.a.

Date of revision: 2014/03/20

Manufacturer: sifin diagnostics gmbh | Berliner Allee 317-321 | 13088 Berlin | Germany | T: +49 30 927 030-0 | F: +49 30 927 030-30 | info@sifin.de | www.sifin.de