

Schaedler Agar (Base)

TN 1181 500 g



Intended use

Used for the cultivation of and application of the antimicrobial sensitivity test to anaerobes.

Form

Powder

Colour

Beige

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

4 years

Typical composition

Component	g/l
Casein peptone	8.2
Meat peptone	3.5
Yeast extract	5
Glucose	5.8
Sodium chloride	1.7
Dipotassium hydrogen phosphate	0.8
Tris buffer	0.75
Hemin	0.01
Agar	11.5

Directions

Suspend 37.2 g in 1 litre distilled water and heat until completely dissolved. Sterilise by autoclaving at 121 °C for 15 minutes and cool to 45-50 °C. Add 5-10 % defibrinated sheep or horse blood and 10 mg Vitamin K1 to the cooled base medium, mix carefully and pour into petri dishes.

Final pH at 25 °C

7.6 ± 0.2

Microbiological quality control

Incubate Schaedler Agar (Base) anaerobically for 18-24 hours at 36 ± 1 °C.

Test strain	No.	Growth
Clostridium sporogenes	ATCC 19404	+
Bacteroides vulgatus	DSM 8482	+
Bacillus subtilis	ATCC 6633	+
Bacillus cereus	ATCC 11778	+

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