



TECHNICAL DATA SHEET

DESCRIPTION COLUMBIA AGAR WITH CHOCOLATED HORSE BLOOD
(CHOCOLATE AGAR), SLOPE

SGL PRODUCT CODE 0511

Chocolate agar (or chocolate blood agar) is a non-selective enriched growth medium used for isolation of pathogenic bacteria. Chocolate agar contains blood cells that have been lysed by heating. The main use for chocolate agar is for growing fastidious respiratory bacteria such as *Haemophilus influenzae* and *Neisseria meningitidis*.

FORMULATION

Columbia blood agar base + lysed horse blood

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Pancreatic digest of casein	10.0 g
Meat peptic digest	5.0 g
Heart pancreatic digest	3.0 g
Yeast extract	5.0 g
Maize starch	1.0 g
Sodium chloride	5.0 g
Agar	12.0 g
Purified water	1000 ml
Sterile defibrinated horse blood	50ml

*Product may be adjusted and/or supplemented to meet performance criteria

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Clear, pale straw coloured gel
pH at 20-25°C	7.3 ± 0.3

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°C for 5 days	No growth detected
Incubation at 35-37°C for 5 days	No growth detected
Incubation at 42-45°C for 5 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Haemophilus influenzae</i> (Clinical isolate)	Good growth
<i>Neisseria gonorrhoeae</i>	Good growth

Additional specification testing may be performed as requested by the customer.

Manufactured in compliance with ISO 9001 (Ref No FM37824) and tested in accordance with ISO 11133 by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).