



## TECHNICAL DATA SHEET

**DESCRIPTION** COLUMBIA AGAR (EP/USP), 90MM PLATES  
**SGL PRODUCT CODE** 7145

An enrichment medium also known as Columbia agar is a highly nutritious general purpose medium designed to recover fastidious microorganisms such as *Clostridia*. The formulation is described in the European Pharmacopoeia (EP) 2.6.13 and United States Pharmacopoeia (USP) <62>.

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Pancreatic digest of casein	10.0 g
Peptic digest of animal tissue	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

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

### QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Amber/straw coloured gel
pH at 20-25°C	7.3 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 20-25°C for 5 days	No growth detected
Incubation at 30-35°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>Clostridium sporogenes</i> ATCC 19404 NCTC 532 NMT 100 CFU inoculum	50-200% CFU recovery compared to control at 30-35°C anaerobic incubation after not more than 2 days

NMT = Not more than

NLT = Not less than

CFU = Colony forming units

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).

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