



TECHNICAL DATA SHEET

DESCRIPTION BURKHOLDERIA CEPACIA SELECTIVE AGAR (BCSA) USP,
90MM PLATES

SGL PRODUCT CODE 7731

A selective medium for the isolation of *Burkholderia cepacia* with the formulation specified in USP <60> Microbiological Examination of Non-sterile Products – Tests for *Burkholderia cepacia* Complex.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Casein peptone	10.0 g
Lactose	10.0 g
Sucrose	10.0 g
Sodium chloride	5.0 g
Yeast extract	1.5 g
Phenol red	0.08 g
Gentamicin	0.01 g
Vancomycin	0.0025 g
Crystal violet	0.002 g
Polymyxin B	600,000 U
Agar	14.0 g
Purified water	1000 ml

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

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Clear, pale orange gel
pH at 20-25°C	6.8 ± 0.3

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

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Burkholderia cepacia</i> ATCC 25416 NMT 100 CFU inoculum	50-200% recovery compared to control at 30-35°C incubation after not more than 72 hours. Colonies surrounded by yellow halos
<i>Burkholderia multivorans</i> ATCC BAA-247 NMT 100 CFU inoculum	50-200% recovery compared to control at 30-35°C incubation after not more than 72 hours. Colonies surrounded by pink/red zones
<i>Burkholderia cenocepacia</i> ATCC BAA-245 NMT 100 CFU inoculum	50-200% recovery compared to control at 30-35°C incubation after not more than 72 hours. Colonies surrounded by pink/red zones



GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Pseudomonas aeruginosa</i> ATCC 9027 NLT 100 CFU inoculum	No growth at 30-35°C incubation after not less than 72 hours
<i>Staphylococcus aureus</i> ATCC 6538 NLT 100 CFU inoculum	No growth at 30-35°C incubation after not less than 72 hours

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).