



TECHNICAL DATA SHEET

DESCRIPTION SDA SURFACECHECK® N 4W – NEUTRALISERS IRR 4 X WRAP, CONTACT PLATES

SGL PRODUCT CODE 5409

Sabouraud Dextrose Agar (SDA) Surfacecheck® + Neutralisers is a medium primarily designed to recover yeasts and moulds. The base formulation is described in the European Pharmacopoeia (EP) 2.6.12 and United States Pharmacopeia (USP) <61>. The medium contains a variety of neutralising agents to reduce the growth inhibiting effects of a range of potentially interfering or antimicrobial substances. The contact plates are quadruple wrapped and irradiated to ensure sterility and intended for use in cleanroom environments for monitoring the bioburden of flat surfaces where disinfectant residues may be present.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Dextrose	40.0 g
Peptic digest of animal tissue	5.0 g
Pancreatic digest of casein	5.0 g
Agar	15.0 g
Polysorbate 80	5.0 ml
Lecithin	0.7 g
Histidine	1.0 g
Sodium thiosulphate	0.5 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 to translucent, pale straw gel
pH at 20-25°C	5.6 ± 0.4

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 20-25°C for 14 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Candida albicans</i> ATCC 10231 NMT 100 CFU inoculum	50-200% CFU recovery compared to control at 20-25°C incubation after not more than 5 days
<i>Aspergillus brasiliensis</i> ATCC 16404 NMT 100 CFU inoculum	50-200% CFU recovery compared to control at 20-25°C incubation after not more than 5 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 by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).