



## TECHNICAL DATA SHEET

**DESCRIPTION** SDA AIRCHECK® N, 90MM PLATES  
**SGL PRODUCT CODE** 5314

Sabouraud Dextrose Agar (SDA) Aircheck® N 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 Pharmacopoeia (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 90mm diameter plates are triple wrapped and irradiated to ensure sterility and intended for use in cleanroom environments.

### 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
Histidine	1.0 g
Sodium thiosulphate	0.5 g
Polysorbate 80	5.0 g
Lecithin	0.7 g
Purified water	1000 ml

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

### QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Translucent, pale yellow 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).

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