



TECHNICAL DATA SHEET

DESCRIPTION VOGEL BONNER MEDIUM E, 90MM PLATES
SGL PRODUCT CODE 7541

A medium designed for mutagenicity assay test use.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
40% Glucose Solution	50 ml
Vogel Bonner Salt Solution 50X	20 ml
Agar	15.0 g
Purified water	930 ml

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

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Clear, near colourless agar
pH at 20-25°C	7.0 ± 0.3

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°C for a minimum of 5 days	No growth detected
Incubation at 35-37°C for a minimum of 5 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Salmonella typhimurium</i> ATCC 14028 WDCM 00031 NMT 100 CFU inoculum	≥50% CFU recovery compared to control at 35-37°C incubation after not more than 48 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) and tested by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).