

Number: DC DC 52s
 Title: Product Specification BV
 Issue: 2
 Date: 15.03.2021

Approved by JW/SM

PRODUCT SPECIFICATION

Product Code BV

AGAR FORMULATION (per litre deionized water)

	SIDE ONE	SIDE TWO
Agar No1	✓	✓
Baird Parker Agar	✓	
Gelatin	✓	✓
Violet Red Bile Glucose Agar		✓

STERILISATION

Temperature	121°C	101°C
Time	15 Minutes	2 Minutes

SUPPLEMENTS (per litre of prepared medium)

Egg Yolk Tellurite Emulsion	✓	Large
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PHYSICAL TESTS

- a) Appearance Each side of the paddle must be completely filled with the level of culture media above the rim of the paddle. There should be no obvious defects such as bubbles or foreign bodies. No less than 80% of the slides must pass inspection.
- b) Gel Strength Firm
- c) pH of Medium 6.8 ± 0.2 7.4 ± 0.2
- d) Sterility Not more than 2.0% Gross infection

MICROBIOLOGY

ORGANISM	SIDE ONE			SIDE TWO		
	COLONY SIZE	GROWTH QUANTITY	GROWTH CHARACTERISTIC	COLONY SIZE	GROWTH QUANTITY	GROWTH CHARACTERISTIC
<i>E. coli</i>	NO GROWTH	-	-	NORMAL	±0.5LOG	Purple-pink colonies
<i>S. aureus</i>	NORMAL	±0.5LOG	Black/grey colonies	NO GROWTH	-	-
<i>C. albicans</i>	NO GROWTH	-	-	NO GROWTH	-	-
<i>S. typhimurium</i>	NO GROWTH	-	-	NORMAL	±0.5LOG	Purple-pink colonies
<i>P. aeruginosa</i>	NO GROWTH	-	-	NORMAL	±0.5LOG	Purple-pink colonies
<i>S. sonnei</i>	NO GROWTH	-	-	NORMAL	±0.5LOG	Purple-pink colonies

INCUBATION REQUIREMENTS

TEMPERATURE	PERIOD
37°C	24-48 hrs

STORAGE REQUIREMENTS

Store in a cool, dry place away from light, at an optimum, constant temperature of between 8-15°C. Fluctuations in temperature can have a negative effect on the product.

EXPIRY

9 months (including month of manufacture)

DISPOSAL

All used/contaminated products should be incinerated, autoclaved or soaked in an appropriate disinfectant for a minimum of 24 hrs before disposal.