

Violet Red Bile Glucose Agar (VRBD)

TN 1148 500 g



Intended use

Used for the isolation and determination of the germ count of Enterobacteriaceae in foodstuffs.

Form

Powder

Colour

Reddish

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

5 years

Typical composition

Component	g/l
Meat peptone	7
Yeast extract	3
Sodium chloride	5
Bile salts No. 3	1.5
Glucose	10
Neutral red	0.03
Crystal violet	0.002
Agar	11

Directions

Suspend 37.5 g in 1 litre distilled water and bring to the boil while stirring. Boil for 1-2 minutes until completely dissolved. Do not autoclave! Mix well before pouring.

Final pH at 25 °C

7.4 ± 0.2

Microbiological quality control

Incubate Violet Red Bile Glucose Agar (VRBD) aerobically for 20-24 hours at 30 ± 1 °C.

Test strain	ATCC no.	CFU/ plate	Appearance of colonies
<i>Escherichia coli</i>	8739	10-100	red colonies, possibly with precipitate corona
<i>Escherichia coli</i>	25922	10-100	red colonies, possibly with precipitate corona
<i>Salmonella</i> Typhimurium	14028	10-100	red colonies
<i>Shigella flexneri</i>	29929	10-100	red colonies
<i>Pseudomonas aeruginosa</i>	9027	10-100	colourless colonies
<i>Enterococcus faecalis</i>	19433	10-100	n.a.
<i>Staphylococcus aureus</i>	6538	10-100	n.a.

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