
Product Specification

Product Name: Violet Red Bile Agar with Lactose (VRBL)

Product Code: SG7210

PRODUCT DESCRIPTION:

Violet Red Bile Agar with lactose (VRBL) is used for the detection and enumeration of Enterobacteriaceae.

Use:

Stir to suspend 42.0 g of granulated medium in 1L distilled H₂O. Mix well with heat with frequent agitation. Boil for one minute. Autoclave for 15 minutes at 121°C to sterilize. Allow to cool (40 – 45°C) before making additions, such as antibiotics (if desired). For laboratory use only.

Components:

Peptone – 7.0g/L

Yeast Powder – 3.0g/L

Sodium Chloride – 5.0g/L

Lactose – 10.0g/L

Bile Salts – 1.5g/L

Crystal Violet – 0.002g/L

Neutral Red – 0.03g/L

Agar – 15.0g/L

Item	Description
<u>Physical and Chemical Tests</u>	
Appearance (dry):	Faint Orange to Red-Brown Granules
pH (@25°C):	7.4 ± 0.1
<u>Microbiological Tests</u>	
Citrobacter freundii (ATCC43864)	<u>Quality Control Results</u> PR ≥ 0.7, purple-red or red colonies with or without a precipitate ring
Escherichia coli (ATCC 25922)	PR ≥ 0.7, purple-red or red colonies with or without a precipitate ring
Enterococcus faecalis (ATCC29212)	G < 5

* The microbiological test results were obtained from type cultures after incubation at a temperature of 36±1°C and observed after 18-24 hours.

Storage: Store in a dry and dark place at room temperature. Tighten the cap immediately after use.