
Product Specification

Product Name: Violet Red Bile Dextrose Agar (VRBDA)

Product Code: SG7211

PRODUCT DESCRIPTION:

Violet Red Bile Dextrose Agar (VRBDA), Used for identification of intestinal bacteria count and Enterobacteriaceae.

Use:

Stir to suspend 38.5 g of dehydrated medium in 1L distilled H₂O. Mix well with heat with frequent agitation. Boil for one minute or until it completely dissolves. Do not Autoclave. Allow to cool (40– 45°C) before making additions, such as antibiotics (if desired). Dispense into petri dishes. For laboratory use only.

Components:

Peptone - 7.0 g/L

Yeast Extract - 3.0 g/L

Bile Salts No. 3 - 1.5 g/L

Glucose - 10.0 g/L

Sodium Chloride - 5.0 g/L

Crystal Violet - 0.002 g/L

Neutral Red - 0.03 g/L

Agar - 12.0 g/L

Item	Description
<u>Physical and Chemical Tests</u>	
Appearance (dry):	Pinkish Powder
pH (@25°C):	7.4 ± 0.2
<u>Microbiological Tests</u>	
<i>Escherichia coli</i> (CMCC(B)43201)	<u>Quality Control Results</u> PR ≥ 0.7, purplish-red colonies with a bile salt precipitation ring around them
<i>Citrobacter freundii</i> (CMCC(B)48098)	PR ≥ 0.7, purplish-red colonies with a bile salt precipitation ring around them
<i>Staphylococcus aureus</i> (CMCC(B)26305)	G ≤ 1

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

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