
Product Specification

Product Name: Violet Red Bile Agar with MUG

Product Code: SG7229

PRODUCT DESCRIPTION:

Violet Red Bile Agar with MUG is used for the detection of coliforms and the fluorogenic detection of Escherichia coli.

Use:

Stir to suspend 41.6 g of dehydrated medium in 1L distilled H₂O. Mix well with heat with frequent agitation. Boil for one minute or until completely dissolved. No autoclaving is required. For laboratory use only.

Components:

Peptone – 7.0g/L

Yeast Extract Powder – 3.0g/L

Lactose – 10.0g/L

Sodium Chloride – 5.0g/L

Bile Salts No. 3 – 1.5g/L

Neutral Red – 0.03g/L

Crystal Violet – 0.002g/L

MUG – 0.1g/L

Agar – 15.0g/L

Item	Description
<u>Physical and Chemical Tests</u>	
Appearance (dry):	Light Pink Powder
pH (@25°C):	7.4 ± 0.1
<u>Microbiological Tests</u>	
Escherichia coli (ATCC 25922)	<u>Quality Control Results</u> PR ≥ 0.7, Purple-red or red colonies with a precipitate ring, exhibiting fluorescence
Citrobacter freundii (ATCC 43864)	Red colonies with a precipitate ring, without fluorescence
Enterococcus faecalis (ATCC 29212)	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.