
Product Specification

Product Name: Peptone Yeast Glucose (PYG) Broth

Product Code: SG7337

PRODUCT DESCRIPTION:

Peptone Yeast Glucose (PYG) Broth is used for determining fermentation reactions and metabolic end-products of anaerobic bacteria.

Use:

Stir to suspend 36.0 g of dehydrated 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). Add 1 vial of Hemin (SG7338) and 1 vial of Vitamin K1 (SG7339) to every 100 ml of the Broth Base, before dispensing. For laboratory use only.

Components:

Peptone – 20.0g/L

Glucose – 5.0g/L

Yeast Extract Powder – 10.0g/L

Cysteine Hydrochloride – 10.0g/L

Calcium Chloride – 0.008g/L

Magnesium Sulfate – 0.008g/L

Dipotassium Phosphate – 0.04g/L

Monopotassium Phosphate – 0.04g/L

Sodium Bicarbonate – 0.4g/L

Sodium Chloride – 0.08g/L

Item	Description
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Physical and Chemical Tests

Appearance: Yellowish Powder

pH (@25°C): 5.9 – 6.3

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