

Product Information Sheet

Y8575
YEB Broth

Synonyms: Yeast Extract Beef Broth

Properties:

Form: Powder
 Appearance: Cream to Tan
 Application: Molecular Biology
 Solubility: Water
 Typical Working Concentration: 16.24 g/L
 Storage Temp: 2 – 6°C

Formula (mg/L):

Meat (Beef) Extract	5,000
Yeast Extract	1,000
Peptone from Meat	5,000
Sucrose	5,000
Magnesium Sulfate, Anhydrous*	240

* The molarity of the magnesium sulfate is equivalent to the amount used in the heptahydrate (MgSO₄*7H₂O) form. The anhydrous form is used to minimize the water content in the dry powder medium.

Application Notes:

Adjust to pH 7.2 after dissolving in water and autoclave. This medium has been used extensively to culture *Agrobacterium* species.

References:

Lichtenstein, C and Draper J (1985). Genetic Engineering of plants. In: DNA cloning. Volume II a practical approach. Ed: Glover DM. IRL Press Oxford. Ch. 4 pg. 78.
 Wise AA, Liu Z, and Binns AN (2006). Culture and Maintenance of *Agrobacterium* Strains. Methods in Molecular Biology: *Agrobacterium* Protocols 2nd Ed. Ed: Wang K. Vol. 1. Humana Press, Totowa, NJ. pg. 3-13.

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