



## 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 (MgSO<sub>4</sub>\*7H<sub>2</sub>O) 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 2<sup>nd</sup> Ed. Ed: Wang K. Vol. 1. Humana Press, Totowa, NJ. pg. 3-13.

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