

## Super Broth

**Catalog #:** 340-018-101 500mL

**Store at:** 2°C to 8°C

**Shipped at:** ambient temperature

### Description

Quality Biological's (QBI) Super Broth is prepared from reagent grade monobasic potassium phosphate (KH<sub>2</sub>PO<sub>4</sub>), dibasic potassium phosphate (K<sub>2</sub>HPO<sub>4</sub>), tryptone, glycerol, and yeast extract using QBI's Cell Culture Grade Water. The final product is sterile filtered through a 0.45 µm filter and sterilized by autoclaving.

### Applications

- Used to increase the yield of high copy number plasmids from *E. coli* strains.

### Quality Control

#### General

All Quality Biological products for Molecular Biology are prepared according to standard published protocols.<sup>1,2</sup>

All products are subjected to a variety of quality control procedures, including pH and osmolality determinations in order to validate the product is within its specifications.

*The test results of individual lots of Super Broth are available on the Quality Biological website.*

1. NIH Media Unit, Bethesda, Maryland
2. Sambrook, J., Fritsch, E.F. & Maniatis, T. (1989) *Molecular Cloning, A Laboratory Manual, 2<sup>nd</sup> Ed.* Cold Spring Harbor Laboratory Press.
3. Ausubel, F.M. et al., eds. (1993) *Current Protocols in Molecular Biology.* Greene Publishing Associates, Inc. in association with John Wiley & Sons, Inc.

### Related Products

#### Terrific Broth

Catalog #	340-071-101	500mL
	340-071-101CS	10 x 500mL
	340-071-131	1000mL
	340-071-131CS	10 x 1000mL

#### Cell Culture Grade Water, Ultra Pure

Catalog #	118-162-101	500mL
	118-162-101CS	10 x 500mL
	118-162-131	1000mL
	118-162-131CS	10 x 1000mL
	118-162-151	10 Liters
	118-162-161	20 Liters

**All products sold by Quality Biological, Inc. are intended for research use only. This product has not been approved for diagnostic or IVD use.**

### References

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