

Certificate of Analysis

Product Description: CIRCLEGROW Broth (Pouches)
Catalog Number: 3000165; 3000175; 3000185; 3000195
Lot: 123740

Formula: N/A
CAS #: N/A
Physical Description: Light Yellow Powder

Formula Weight: N/A
Storage: 15 - 30°C

CIRCLEGROW: Molecular Biology Certified Bacterial Growth Medium
Rich Medium for the growth of *E. coli* and certified for plasmid and other bacterial cultures in liquid medium.

Formulation and Molecular Biological Specifications of Components:

Proprietary formulation containing Yeast Extract, Tryptone Broth, and Vitamins. Biological buffers have been added for proper pH adjustment.

Recommended Use:

20 g Pouches: Add pouch contents to 500 ml of purified water.

40 g Pouches: Add pouch contents to 1 liter of purified water.

For laboratory use only.

| Test | Specification | Result |
|-------------------------------------|---------------|------------------------|
| pH (after autoclave) | 6.6 - 7.2 | 6.86 |
| Clarity and Color (after autoclave) | Report Result | Clear, Yellow Solution |
| pH (Harvest) | Report Result | 6.19 |
| Cell Growth Test | Passes | Passes |

Powder medium is hygroscopic, therefore minimize exposure to air to prolong shelf life of media.
Recommended Retest Date: 11/30/2022



12/17/2018 - John Huang, PhD
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