



Certificate of Analysis

LB MILLER BROTH

| <u>Catalog #</u> | <u>Size</u> |
|------------------|-------------|
| IB49010 | 25 gm |
| IB49020 | 500 gm |
| IB49030 | 2 Kg |
| IB49040 | 10 Kg |

Catalog Number: IB49010, IB49020, IB49030, IB49040

Lot Number: J14-81

Expiration Date: November 2018

| <u>Test Parameter</u> | <u>Specification</u> | <u>Result</u> |
|-------------------------|---------------------------------------|---------------|
| DCM Appearance | Homogeneous, free flowing light beige | PASS |
| PPM Appearance | Clear, no to light ppt, light yellow | PASS |
| pH (2.5% solution)@25°C | 6.8-7.2 | 7.02 |

| <u>Microorganisms</u> | <u>Expected Results</u> | <u>Growth</u> |
|------------------------------------|-------------------------|---------------|
| <i>Escherichia coli</i> ATCC 23724 | Good to Excellent | Excellent |
| <i>Escherichia coli</i> ATCC 33694 | Good to Excellent | Excellent |
| <i>Escherichia coli</i> ATCC 33849 | Fair to Excellent | Very Good |
| <i>Escherichia coli</i> ATCC 39403 | Good to Excellent | Excellent |
| <i>Escherichia coli</i> ATCC 47014 | Good to Excellent | Excellent |
| <i>Escherichia coli</i> ATCC 53868 | Good to Excellent | Excellent |

*These results were obtained from type cultures after incubation at a temperature of 35°C and observed after 18-24 hours.

| <u>Formula</u> | <u>(g/L)</u> |
|-----------------|--------------|
| Casein Peptone | 10 |
| Yeast Extract | 5 |
| Sodium Chloride | 10 |

Storage

Store at room temperature. Keep tightly sealed. Protect from moisture and light.

This signature indicates that the above material has met all quality specifications and has been reviewed by a quality representative.

Signature: *K. McCarthy*
Date: 11/06/2014