

## CERTIFICATE OF ANALYSIS

**Product Name:** LB Broth (Miller)

**Chemical Structure:**

**Lot Number:** TMP-NG-US113048B

**CAT Number:** APL-3001

**Manufacture Date:** 12/2021

**Expiry Date:** 12/2024

**Storage:** 2-8°C

### Analysis Data

#### Physical characteristics

Appearance (Dehydrated)

Color (Dehydrated)

Appearance (Prepared)

Color (Prepared)

pH at 25 °C

#### Specification

Homogenous, free-flowing powder

Light Beige

Clear, with none to slight precipitate

Yellow to gold

7.3±0.2

#### Results

Conforms

Conforms

Clear, with no precipitate

Gold

7.39

\*Cultural response tested in accordance to ISO 11133:2014

The medium was prepared according to label directions and inoculated with the organisms listed below.

Cultures were incubated at appropriate atmosphere and temperature and examined for growth at 18-24 hours.

#### Microorganism (Culture/ATCC#)

#### Approx. Inoculum (CFU)

#### Specification

#### Results

Bacillus subtilis (#9372)

10-100

Growth

Conforms

Escherichia coli (#25922)

10-100

Growth

Conforms

Escherichia coli (#33876)

10-100

Growth

Conforms

Escherichia coli (#39403)

10-100

Growth

Conforms

Escherichia coli (#47014)

10-100

Growth

Conforms

Staphylococcus aureus (#25923)

10-100

Growth

Conforms

#### Animal derived material

#### Tissue source/risk category

#### Animal species

#### Country of origin

Casein

Milk/B\*

Bovine

New Zealand

Enzyme

Pancreas/NA\*\*

Porcine

United States

\*Risk Categories as defined by the European Pharmacopeia

\*\*Not Applicable. "No-TSE-relevant animal species."

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Jennifer LaBrecque 06/2022**  
Quality Assurance Manager

**Conclusion:** The above product meets the specifications of APOLO