

# Certificate of Analysis



SCIENTIFIC

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An ISO 9001 Certified Company

## TRYPTONE

### PRODUCT NUMBER

IB49180 \_\_\_\_\_ 500gm  
IB49181 \_\_\_\_\_ 1kg  
IB49182 \_\_\_\_\_ 2kg

### LOT NO.

Lot# \_\_\_\_\_ 22H5002

### CAS NO.

CAS# \_\_\_\_\_ 9000-71-9

### STORAGE

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

### SPECIFICATIONS

|   | Specification       | Analysis   | Disposition |
|---|---------------------|------------|-------------|
| Appearance, Homogeneous free flowing powder | PASS / FAIL         | PASS       | PASS        |
| Color                                       | Beige               | PASS       | PASS        |
| Clarity (2% solution)                       | Clear               | PASS       | PASS        |
| pH (2% solution)                            | 7.0                 | 7.07       | PASS        |
| Total Nitrogen                              | 13.0%               | 12.31%     | PASS        |
| Ash   | 6.6%                | 6.30%      | PASS        |
| Amino Nitrogen                              | 4.4%                | 5.38%      | PASS        |
| Loss on Drying                              |                     | 3.92%      | PASS        |
| Standard Plate Count                        |                     | 77cfu/g    | PASS        |
| Molds                                       |                     | < 100cfu/g | PASS        |
| Coliforms                                   | POSITIVE / NEGATIVE | NEGATIVE   | PASS        |
| E.coli                                      | POSITIVE / NEGATIVE | NEGATIVE   | PASS        |
| Salmonella                                  | POSITIVE / NEGATIVE | NEGATIVE   | PASS        |
| <i>Escherichia coli</i> ATCC 25922          | EXCELLENT/GOOD/POOR | GOOD       | PASS        |
| <i>Staphylococcus aureus</i> ATCC 25923     | EXCELLENT/GOOD/POOR | GOOD       | PASS        |
| <i>Escherichia coli</i> ATCC 25922          | POSITIVE / NEGATIVE | POSITIVE   | PASS        |

### DATE OF

Manufacture Date: \_\_\_\_\_ 07/09/2022

Expiration Date: \_\_\_\_\_ 07/08/2025

### CERTIFICATION

We certify that this batch conforms to the specifications listed above and has been reviewed by a quality representative. This document has been electronically produced and signed by IBI SCIENTIFIC.

Abigail Wood  
Quality Control

08/16/22  
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.