

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-11 15:51:54  
 Date of Next Testing: 2029-07-10 15:51:54  
 Product Name: **Tryptone**  
 CAS Number: 91079-40-2  
 Specifications & Purity: CellNourish™ Basic, Reagent Grade  
 Lot #: G2504319  
 SKU #: **T139519**  
 Version: **0**  
 Analysis #: **534958**  
 Storage Temperature: Protected from light, Argon charged

| Parameter                                                | Limit Values                    | Result                          |
|----------------------------------------------------------|---------------------------------|---------------------------------|
| Ash                                                      | 0-15 (%)                        | 4.80 %                          |
| The total number of colonies                             | <=10000(cfu/g)                  | 15.24 cfu/g                     |
| PH(2% in Water)                                          | 5.0-7.5                         | 6.58                            |
| Water by Karl Fischer                                    | 2-6 (%)                         | 4.77 %                          |
| Total nitrogen(N)(as dry basis)                          | ≥11 (%)                         | 13.00 %                         |
| Amino nitrogen(as dry basis)                             | ≥3 (%)                          | 4.80 %                          |
| Coliform (mpn / g)                                       | 0-0.3                           | 0.20                            |
| NaCl                                                     | 0-6 (%)                         | 3.10 %                          |
| (As)Arsenic                                              | 0-2 (ppm)                       | 1.00 ppm                        |
| Lead(Pb)                                                 | 0-2 (ppm)                       | 1.00 ppm                        |
| Appearance (T139519)                                     | white to brown powder or pellet | white to brown powder or pellet |
| Salmonella(/25g)                                         | Undetected                      | Undetected                      |
| Shigella(/25g)                                           | Undetected                      | Undetected                      |
| Solubility in H2O , Light Yellow Clear, No precipitation | pass                            | Pass                            |
| Staphylococcus aureus(/25g)                              | Undetected                      | Undetected                      |



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager