

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2024-05-10 11:46:03  
Date of Next Testing: 2028-05-09 11:46:03  
Product Name: **Peptone from Yeast**  
CAS Number: 73049-73-7  
Specifications & Purity: CellNourish™ Basic, suitable for microbiology  
Lot #: D2428041  
SKU #: **P139522**  
Version: **1**  
Analysis #: **107541**  
Storage Temperature: Protected from light, Argon charged

| Parameter                       | Limit Values                             | Result                                   |
|---------------------------------|------------------------------------------|------------------------------------------|
| Total nitrogen(N)(as dry basis) | ≥10 (%)                                  | 12.37000 %                               |
| NaCl                            | 0-2 (%)                                  | 1.10000 %                                |
| PH 2% Water                     | 5-7.5                                    | 5.95000                                  |
| Water by Karl Fischer           | 0-6 (%)                                  | 2.89000 %                                |
| Ash                             | 0-15 (%)                                 | 9.38000 %                                |
| The total number of colonies    | 0-30 (cfu/g)                             | 10.00000 cfu/g                           |
| Amino nitrogen(as dry basis)    | ≥3 (%)                                   | 3.87000 %                                |
| Coliform (mpn / g)              | 0-0.3                                    | 0.21000                                  |
| Solubility,Clear(50 mg/mL, H2O) | pass                                     | Pass                                     |
| Appearance (P139522)            | White to Pale grey to Light brown powder | White to Pale grey to Light brown powder |



John Su  
QA & QC Manager