

## Certificate of Analysis

Date of Testing: 2023-12-22 16:33:05  
Date of Next Testing: 2025-12-21 16:33:05  
Product Name: **Yeast extract , powder**  
CAS Number: 8013-01-2  
Specifications & Purity: Nucleotide enriched type  
Lot #: B2217391  
SKU #: **Y278667**  
**Analysis: 308039**  
Storage Temperature: Protected from light,Desiccated

Parameter	Limit Values	Result
PH(2% in Water)	5.3-7.2	5.98
Water by Karl Fischer	0-6 (%)	4.02 %
Total nitrogen(N) (as dry basis)	≥10 (%)	12.03000 %
Amino nitrogen (as dry basis)	≥4 (%)	4.73000 %
Ash	≤15 (%)	9.04 %
RNA Total RNA (as dry basis)	≥11.5 (%)	12.08000 %
Sodium chloride(NaCl)	0-2 (%)	1.03000 %
The total number of colonies	0-10000 (cfu/g)	9.80 cfu/g
Total Nucleotides (CUGIA Sodium salt complexes) (As dry basis)	≥4 (%)	5.70000 %
solubility , clear(2% in Water)	Pass	Pass



John Su  
QA & QC Manager