

## Certificate of Analysis

Date of Testing: 2022-03-01 09:15:09  
Date of Next Testing: 2025-02-28 09:15:09  
Product Name: **Yeast extract**  
CAS Number: 8013-01-2  
Specifications & Purity: Ultra pure,for microbiology  
Lot #: B2226080  
SKU #: **Y139521**  
**Analysis:** **068091**  
Storage Temperature: Protected from light,Argon charged

Parameter	Limit Values	Result
PH(2% in Water)	4-7.2 (%)	5.61 %
The total number of colonies	0-100 (cfu/g)	8.10 cfu/g
Total nitrogen(N)(as dry basis)	≥11.5 (%)	12.13 %
Ash	0-8 (%)	5.83 %
NaCl	0-2 (%)	1.03 %
Amino nitrogen(as dry basis)	≥5 (%)	5.01 %
Water by Karl Fischer	0-32 (%)	31.86 %
Appearance (Y139521)	Light Yellow to Brown Paste	Light Yellow to Brown Paste
Solubility in H <sub>2</sub> O , Light Yellow to Yellow,Clear,10 mg/ml	pass	Pass



John Su  
QA & QC Manager