

# Certificate of Analysis



SCIENTIFIC

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An ISO 9001 Certified Company

## YEAST EXTRACT

### PRODUCT NUMBER

IB49160 \_\_\_\_\_ 500gm  
IB49161 \_\_\_\_\_ 1kg  
IB49162 \_\_\_\_\_ 5kg  
IB49163 \_\_\_\_\_ 20kg

### LOT NO.

Lot# \_\_\_\_\_ 20G4011

### CAS NO.

CAS# \_\_\_\_\_ 8013-01-2

### STORAGE

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

### SPECIFICATIONS

	Specification	Analysis	Disposition
Dry Matter		95.5%	PASS
Loss on Drying		4.5%	PASS
Ash	10.6%	13.5%	PASS
Total Nitrogen	10.9%	10.79%	PASS
Proteins (Total Nx 6.25)		67.4%	PASS
Amino Nitrogen	6.1%	5.48%	PASS
Sodium Chloride		0.21%	PASS
Appearance, Homogenous free flowing powder	PASS / FAIL	PASS	PASS
Color	PASS / FAIL	Yellow, Amber	PASS
pH (2% Solution)	6.7	6.82	PASS
Standard Plate Count		< 7cfu/g	PASS
Molds and Yeast		< 15cfu/g	PASS
<i>Clostridium perfringens</i> spores		< 0cfu/g	PASS
<i>E.coli</i>		0cfu/g	PASS
<i>Pathogenic Staphylococcus</i>		0cfu/g	PASS
<i>Salmonella</i>		0cfu/g	PASS
Peptone Agar	PASS / FAIL	PASS	PASS
Broth Formulation (as Luria)	PASS / FAIL	PASS	PASS

### DATE OF

Expiration Date: \_\_\_\_\_ 01/2023

Manufacture Date: \_\_\_\_\_ 01/09/2020

### 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.

Toby Frericks  
Quality Control

07/20/20  
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.