

## Certificate of Analysis

Product Name: **Yeast Nitrogen Base without Amino Acids and Ammonium Sulfate**  
 Catalog Number : Y6040G  
 Batch Number : 20240418C  
 Manufacture Date: 2024/04/18  
 Expiration Date : 2027/04/17

01. Dehydrated Medium Appearance: Off-white, free-flowing, homogeneous  
 02. Solubility: 0.17% (1X) or 1.7% (10X) solutions, soluble in distilled or deionized water with agitation  
 03. Solution Appearance: 0.17% - Colorless to very pale yellow, clear 1.7% - Yellow, clear  
 05. Cultural Response: Medium was prepared plain and with 5% Dextrose, 0.02% DL-Methionine, 0.02% DL-Tryptophane and 0.01% L-Histidine and 0.01% L-Histidine and sterilized per label directions. These solutions were added in 1 ml amounts to tubes containing 9 ml sterile water. Tubes were inoculated with the test organisms and incubated at 25-30°C for 2 to 5 days. Growth was measured turbidimetrically using a spectrophotometer.

TEST ORGANISMS	ATCC®	RECOVERY	
		PLAIN	W/ADDITIONS
Kloeckera apiculata	9774	none to poor	Good
Saccharomyces cerevisiae	9080	none to poor	Good

05. There are no animal sourced ingredients used in the manufacture of this product.

Characteristic	Unit	Value	Lower Limit	Upper Limit
PH at 25°C	-	4.5	4.5	4.8
Bulk Lot Number:	-	20240418C		

The Batch Number on this certificate is synonymous with the Lot Number

Yan li xiao

Megan Reeher  
 Senior Manager Quality Assurance

