



## Certificate of Analysis

Yeast Nit Base W/O Aa  
& As

Catalog Number: 292739

Lot Number: 4141965

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Manufacturing Date: 18 Apr 2024

Expiration Date: 31 Mar 2029

Intended Use: For research use or further manufacturing. Not for diagnostic use or direct administration into humans or animals.

01. Dehydrated Medium Appearance: Light yellowish beige, free-flowing, homogeneous
02. Solubility: 0.17% (IX strength) and 1.7% (ID( strength) solutions, soluble in distilled or deionized water with agitation
03. Solution Appearance:  
0. 17% - Colorless to very pale yellow, clear  
1.7% - Yellow, clear
04. Cultural Response: Medium was prepared per label instructions in IOX concentration, plain and with additions of 5% Dextrose, 5% Ammonium Sulfate, 0.02% DL-Methionine, 0.02% DL-Tryptophane and 0.01% L-Histidine. These solutions were filter sterilized and added in 1 ml amounts to tubes containing 9 ml sterile distilled water. Tubes were inoculated with the test organisms and incubated at 25-30<sup>0</sup>C for 2 to 5 days.

	TEST ORGANISMS	ATCC@	RECOVERY	
05.	Kioeckera apiculata	9774	PLAIN	W 1 ADDITIONS
	Saccharomyces cerevisiae	9080	none to	good good
	Chemistry	Results:	poor none	
	Phosphate ID:	Conforms	to poor	
	Chloride ID:	Conforms		
	Absence of Ammonium:	Conforms		

TEST	SPECIFICATION	RESULT	UNITS
pH at 25 <sup>0</sup> C:	4.3 — 4.7	4.7	
Bulk Lot Number:		4099454	

The Lot Number on this certificate is synonymous with the Lot Number shown on the product label. This product was manufactured and tested for Thermo Fisher Scientific - Advanced Bioprocessing in ISO 13485:2016 registered facilities. In addition, these facilities are registered with the United States Food and Drug Administration (FDA), and are regulated by the FDA's Quality System Regulations (QSRs). This product met Thermo Fisher's stringent quality standards at time of lot release. Any test results reported on this certificate were obtained at time of release. This material is not for human or animal consumption.

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*T. H. Ford* 02 Jun / 2-02-9

Quality System Department

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