gibco

Certificate of Analysis

Yeast Nit Base W/O Aa & As

Catalog Number:	**292739**
Lot Number:	**4031521**
Manufacturing Date:	**22 Dec 2023**
Expiration Date:	**30 Nov 2028**

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

Specifications 01-04 were tested and are acceptable

01. Dehydrated Medium Appearance: Light yellowish beige, free-flowing, homogeneous
02. Solubility: 0.17% (1X strength) and 1.7% (10X 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 10X 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°C for 2 to 5 days.

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

05. Chemistry Results:

Phosphate ID:	Conforms
Chloride ID:	Conforms
Absence of Ammonium:	Conforms

TEST	SPECIFICATION	RESULT	UNITS
pH at 25°C:	4.3 – 4.7	4.6	-
Bulk Lot Number:	-	3345345	-

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.

28 Mar 2024

Quality System Department

Life Technologies Corporation
Advanced Bioprocessing
920 Henry Street Detroit, MI 48201-2532 US