

# QUALITY CERTIFICATE - CULTURE MEDIA



■ Microclar Argentina S.A. certifies that the culture media contained in this box satisfies the specifications detailed below:

MEDIA TYPE	PRODUCT CODE	COUNT	TEST ORGANISM (Recovery >50% measured against control)	NEGATIVE TEST ORGANISM (Growth inhibited)	pH (AT 25°C)	INCUBATION	SHELF TIME	MEDIA COLOR	STORAGE
Tryptose Glucose Extract Broth	TGE-050	Total account	<i>Escherichia coli</i> ATCC 25922	-	6,8 ± 0,2	18 - 24 hs. 35°C ± 2 °C	1,5 years	Yellow	2°C to 40°C
	TGE-050P						1 year		
M-Green Yeast & Mold Acc. to Schaufus-Pottinger	GYM-050	Yeasts and molds	<i>Candida albicans</i> ATCC 10231	-	4,6 ± 0,2	24 - 72 hs. 25°C ± 30 °C	1,5 years	Green	2°C to 40°C
	GYM-050P						1 year		
M-Endo Broth	ENDO-050	Total coliform	<i>Escherichia coli</i> ATCC 25922	<i>Staphylococcus aureus</i> ATCC 25923	7,2 ± 0,2	18 - 24 hs. 35°C ± 2 °C	1,5 years	Peach to pink	2°C to 40°C
	ENDO-050P						1 year		
M-Cetrimide Broth	CET-050	<i>Pseudomona</i> Spp	<i>Pseudomona aeruginosa</i> ATCC 9027	-	7,2 ± 0,2	24 - 48 hs. 35°C ± 2 °C	1,5 years	Pale yellow	2°C to 40°C
	CET-050P						1 year		
M-WL-Diferencial Broth	WLD-050P	Total account of bacteria with inhibition of yeasts and molds	<i>Escherichia coli</i> ATCC 25922	<i>Saccharomyces cerevisiae</i> ATCC 9763	5,5 ± 0,2	18 - 24 hs. 35°C ± 2 °C	1,5 years	Green	2°C to 40°C
							1 year		
M-FC Broth	MFC-050	Fecal coliform	<i>Escherichia coli</i> ATCC 25922	<i>Staphylococcus aureus</i> ATCC 25923	7,4 ± 0,2	22 - 26 hs. 44,5°C ± 2 °C	1,5 years	Purple	2°C to 40°C
							1 year		
MI-Broth	MIB-050P	E. Coli and Total coliform	<i>Escherichia coli</i> ATCC 25922 <i>Enterobacter aerogenes</i> ATCC13048	<i>Staphylococcus aureus</i> ATCC 25923	7,0 ± 0,2	18 - 24 hs. 35°C ± 2 °C	1 year	Light amber	2°C to 40°C
Orange Serum Broth	OSB-050	Acid-tolerant spoilage organisms	<i>Candida albicans</i> ATCC 10231 <i>Lactobacillus plantarum</i> ATCC 8014 <i>Aspergillus brasiliensis</i> ATCC 16404	-	5,6 ± 0,2	48 hs. 25°C - 35°C	1,5 years	Light to medium amber	2°C to 40°C
							1 year		
M-WL-Nutrient Broth	WLN-050P	Total account of bacteria and viable baker's yeasts.	<i>Escherichia coli</i> ATCC 25922 <i>Saccharomyces cerevisiae</i> ATCC 9763	-	5,5 ± 0,2	18 - 24 hs. 25°C - 30 °C	1,5 years	Green	2°C to 40°C
							1 year		
Lactobacilli MRS Broth	MRS-050	Lactobacillus from oral, fecal, dairy and other sources.	<i>Lactobacillus plantarum</i> ATCC 8014	-	6,5 ± 0,2	18 - 48 hs. 35°C ± 2 °C	1,5 years	Dark amber to red - amber	2°C to 40°C
							1 year		

## Instructions for use with membrane filters:

1. Open the ampoule and pour the content on the pad contained in the petri dish.
2. The membrane must be withdrawn from the filter support with a sterile (flamed) membrane forceps and placed over the pad with the media, assuring no air bubbles are trapped between membrane and pad.
3. Place into an incubator and cultivate as indicated.

## Instructions for use with monitors:

1. After filtering the sample remove the funnel of the monitor leaving the base on the manifold.
2. Open the ampoule and pour the culture media over the membrane.
3. Apply vacuum briefly to allow the culture media to go through the membrane and be absorbed by the cellulose pad.
4. Remove the base from the manifold or silicone stopper and close the bottom port of the base with the previously removed plug.
5. Incubate the so created Petri dish for the time and temperature required according to the culture media.