



Hy-Laboratories Ltd.
Park Tamar
Rehovot 76326 Israel
Tel : 972-8-9366475
Fax : 972-8-9366474
hylabs@hylabs.co.il
www.hylabs.co.il

HY-GIENE MONITOR (DS PRODUCTS)

Type	Purpose	Formula
DS004 Total Count/Total Count	Total microbial counts in food and other materials of sanitary significance.	SMA/SMA (Improved)
DS005 Total Count/ Lactic Acid Bacteria	Total microbial counts in food and other materials of sanitary significance/ Cultivation and enumeration of heterofermative lactobacilli and lactic streptococci in food.	SMA/APT (Improved)
DS006 Total Count/ Coliforms	Total microbial counts in food and other materials of sanitary significance/ Selective medium for detection, enumeration and identification of coliforms in milk, food and other specimens of sanitary importance.	SMA/VRBA (Improved)
DS010 Lactic Acid Bacteria/ Yeasts and Molds	Cultivation and enumeration of heterofermative lactobacilli and lactic streptococci in food/ Selection and enumeration of yeasts and molds in foodstuffs and other specimens of sanitary significance.	APT/OGYE (Improved)
DS012 Total Count/ Yeasts and Molds	Total microbial counts in food and other materials of sanitary significance/ Selection and enumeration of yeasts and molds in foodstuffs and other specimens of sanitary significance.	SMA(Improved)/ OGYE (Improved)
DS013 Staph/Staph	Selection and isolation of presumptive pathogenic Staphilococci.	MSA/MSA (Improved)
DS014 Total Count/Total Count	Total aerobic microbial counts of test surfaces and air testing.	TSA/TSA (Improved)
DS015 Salmonella/ Salmonella	Isolation and presumptive differentiation of Salmonella.	Hektoen Enteric Agar (Improved)



Hy-Laboratories Ltd.
Park Tamar
Rehovot 76326 Israel
Tel : 972-8-9366475
Fax : 972-8-9366474
hylabs@hylabs.co.il
www.hylabs.co.il

DS016 Yeasts & Molds/ Yeasts & Molds	Selection and enumeration of yeasts and molds in foodstuffs and other specimens of sanitary significance.	OGYE (Improved)
DS017 Coliforms/Coliforms	Selective medium for detection, enumeration and identification of coliforms in milk, food and other specimens of sanitary importance.	VRBA (Improved)
DS022 TTC Total Count/ Total Count	Simpler recognition of colonies for total microbial counts in food and other materials of sanitary significance.	SMA+TTC(Improved)/ SMA (Improved)
DS023 TTC Total Count/ Yeasts and Molds	Simpler recognition of colonies for total microbial counts in food and other materials of sanitary significance/ Selection and enumeration of yeasts and molds in foodstuffs and other specimens of sanitary significance.	SMA+TTC(Improved)/ OGYE (Improved)
DS024 TTC Total Count/ Coliforms	Simpler recognition of colonies for total microbial counts in foods and other materials of sanitary significance/ Selective medium for detection, enumeration and identification of coliforms in milk, food and other specimens of sanitary significance.	SMA+TTC(Improved) VRBA (Improved)
DS026 TTC Total Count/ TTC Total Count	Simpler recognition of total microbial counts in foods and other materials of sanitary significance.	SMA+TTC(Improved)
DS028 DC Total Count/ DC Total Count	Detection and enumeration of microorganisms on surfaces of sanitary importance after treatment with disinfectant.	D/E Neutralizing Agar (Improved)



Hy-Laboratories Ltd.
Park Tamar
Rehovot 76326 Israel
Tel : 972-8-9366475
Fax : 972-8-9366474
hylabs@hylabs.co.il
www.hylabs.co.il

Formula Description

(APT) APT letters are an arbitrary designation for enrichment medium which provides high thiamin requirements.

(D/E Neutralizing Agar) For determining the efficiency of sanitation processes.

It contains Lecithin (0.07%/ Liter) and Polysorbate 80 (0.5%/Liter) which neutralize a broad spectrum of antiseptic and disinfectant chemicals. Neutralization allows also the detection of bacteria which may be held in bacteriostasis after the disinfection process but are still viable.

(Hektoen Enteric Agar) (according to APHA's specifications). Especially recommended for the isolation and differentiation of enteric pathogenic Salmonella.

(MSA) Mannitol Salt Agar medium, selective due to high salt content (7.5%0 and differential by the ability to ferment Mannitol.

(OGYE) Oxytetracycline Glucose Yeast Extract (according to APHA's specifications).

(SMA) Standard Methods Agar (according to APHA's specifications).

(TSA) Tryptic Soy Agar is the medium specified by the USP for the total aerobic microbial count portion of the microbial limit testing procedures. Included in methods for the examination of water and waste water.

(VRBA) Violet Red Bile Agar (according to APHA's specifications) Selective by presence of inhibitors (bile salts) and differential by its ability to ferment lactose with corresponding absorption of neutral red.

(TTC) Triphenyl Tetrazolium Chloride (0.01%). In an oxidase state TTC is colorless but on reduction by microorganism growth an insoluble red formazan dye is produced that aids counting of normally colorless or translucent colonies. Some organisms like Staphilococci or some yeasts may grow less on the medium containing TTC.