

Coliforms



Product Code	Product Name	F. wt.(Gm/Ltr)
TM 150	LAURYL SULPHATE BROTH (LAURYL TRYPTOSE BROTH) (ISO 4831:1991) For detection and enumeration of coliform bacteria in water, waste water, dairy products and other food sample.	35.60
TM 365	BRILLIANT GREEN BILE BROTH 2% (BRILLIANT GREEN LACTOSE BILE BROTH 2%) (ISO 4831:2006 / 4832:2006) For detection and confirmation of coliform bacteria in water and foods.	40.00
TM 426	VIOLET RED BILE AGAR For isolation and enumeration of coli-aerogenes in water, milk and other dairy food products.	41.53
TM 1858	CHROMOGENIC COLIFORM AGAR (CCA) (ISO 9308-1:2014) For determination of coliform bacteria particularly Enterobacteriaceae on the basis of their ability to ferment lactose.	26.45
TM 1338	CHROMOGENIC COLIFORM AGAR W/SLS For simultaneous detection of total coliforms and <i>Escherichia coli</i> in water and foods.	27.00
TM 372	ENDO AGAR For confirmation of members of coliform group from clinical and non-clinical specimens.	41.50
TM 373	ENDO AGAR BASE For standard test of lactose fermenting coliforms.	38.00
TS 211	BASIC FUCHSIN (6 gm /vl)	#1 vl
TM 1538	FLUID LACTOSE MEDIUM (LACTOSE BROTH) (as per IP) (IS: 5401:1969) For detection of coliform bacteria in water, foods and dairy products.	13.00
TM 1251	LACTOSE TTC AGAR (WITH SODIUM HEPTADECYL SULPHATE) (ISO 9308-1:2000) For detection and enumeration of E.coli and other coliforms in water by membrane filtration technique.	13.00
TS 042	TTC SOLUTION 1% (10 ml/vl)	#3 vl
TM 1914	M - 7 HR FC AGAR For examination of water and waste water.	46.45
TM 178	M-ENDO AGAR, BASE For detection and enumeration of faecal coliforms by membrane filter technique at higher temp. (44.5°C)	52.10
TS 042	ROSOLIC ACID (0.1 gm/vl)	#10 vl
TM 174	M-ENDO AGAR, LES (ISO 9308-1:2000) For enumeration of coliforms in water using a two-step membrane filter technique.	51.00
TM 269	R-2A AGAR For heterotrophic plate count of treated potable water using longer incubation time.	18.12
TM 440	TERGITOL - 7 AGAR BASE (IS: 5887 (Part I) 1976, reaffirmed 2005.) For selective isolation and identification of coliform bacteria from water.	33.13
TS 042	T.T.C. SOLUTION 1% (10 ml/vl)	#5 vl
TM 467	TRYPTONE GLUCOSE YEAST EXTRACT BROTH (STANDARD METHOD BROTH) For enumeration of microorganisms from foods by MPN technique.	17.25
TM 892	TRYPTONE BILE AGAR For fast detection and enumeration of <i>Escherichia coli</i> in foods using direct plating method.	36.50
TM 512	TRYPTONE PHOSPHATE BROTH For cultivation of enteropathogenic <i>Escherichia coli</i> from foods.	30.50
TM 1908	COLIFORM BROTH W/ SLS For detection of <i>E.coli</i> and other <i>Enterobacteriaceae</i> in water samples	57.10 15.10

Vibrio cholerae

Product Code	Product Name	F. wt.(Gm/Ltr)
TM 876	TCBS AGAR (MODIFIED) For selective isolation of <i>Vibrio cholerae</i> and other enteropathogenic Vibrios.	88.00
TM 875	TCBS AGAR (SELECTIVE) For selective isolation of <i>Vibrio cholerae</i> and other enteropathogenic Vibrios.	89.00
TM 1878	ALKALINE SALINE PEPTONE WATER (ASPW) (ISO/TS 21872-1&2:2007) For enrichment of <i>Vibrio</i> species from food and water samples in accordance with ISO.	40.00

Clostridium perfringens



Product Code	Product Name	F. wt.(Gm/Ltr)
TM 423	FLUID TETRATHIONATE MEDIUM W/O IODINE AND BG (TETRATHIONATE BROTH BASE W/O IODINE & BG) For isolation of <i>salmonellae</i> from food, urine, faeces and other material of sanitary importance.	46.03
TM 1886	CLOSTRIDIUM PERFRINGENS AGAR For identification and enumeration of <i>Clostridium Perfringens</i> from food.	44.00
TS 002	EGG YOLK EMULSION (100 ml/vl)	#9 vl
TM 149	LACTOSE GELATIN MEDIUM, MODIFIED (AOAC) For detection and presumptive identification of <i>Clostridium perfringens</i> from foods in accordance with AOAC	40.50
TM 792	MOTILITY NITRATE MEDIUM, BUFFERED For isolation & detection of <i>Clostridium perfringens</i> on the basis of motility & nitrate test.	23.50
TM 615	TRYPTOSE SULPHITE CYCLOSERINE AGAR BASE For presumptive identification and enumeration of <i>Clostridium perfringens</i> from food.	47.00
TS 054	PERFRINGENS S. F. P. SUPPLEMENT (S.F. P. SUPPLEMENT)	# 11 vl
TS 076	PERFRINGENS T. S. C. SUPPLEMENT	# 11 vl
TS 002	EGG YOLK EMULSION (100 ml/vl)	# 3 vl

Bacillus cereus

Product Code	Product Name	F. wt.(Gm/Ltr)
TM 1881	BACILLUS CEREUS SELECTIVE AGAR BASE (MYP) (ISO 7932:2004) For selective isolation and enumeration of <i>Bacillus cereus</i> .	46.03
TS 058	POLYMYXIN B SELECTIVE SUPPLEMENT	#22 vl
TS 002	EGG YOLK EMULSION (100 ml/vl)	#11 vl

Yeast and Moulds

Product Code	Product Name	F. wt.(Gm/Ltr)
TM 344	POTATO DEXTROSE AGAR For isolation and enumeration of yeasts and molds from dairy and other food products.	39.00
TM 1832	YEAST GLUCOSE CHLORAMPHENICOL AGAR For isolation, detection and enumeration of yeast and molds.	40.00
TM 622	SABOURAUD CHLORAMPHENICOL AGAR For selective isolation and cultivation of yeasts and molds.	65.00
TM 387	SABOURAUD DEXTROSE AGAR For cultivation of yeasts, molds and aciduric microorganisms.	65.00
TM 982	DICHLORAN GLYCEROL MEDIUM BASE W/ROSE BENGAL For selective isolation and enumeration of yeasts and molds from foods.	31.50
TS 053	CHLORAMPHENICOL SELECTIVE SUPPLEMENT	
TM 1922	POTATO DEXTROSE W / 2% AGAR For isolation and enumeration of yeasts and moulds from dairy and other food products in accordance with FDA BAM, 1998	65.00
TS 259	CHLORTETRACYCLINE SELECTIVE SUPPLEMENT, MODIFIED	#12 vl
TM 1923	POTATO DEXTROSE W/ 3% AGAR For cultivation of yeasts and moulds from dairy and other food products.	54.00
TM 1924	POTATO DEXTROSE AGAR W/ CHLORAMPHENICOL For the selective isolation and enumeration of yeasts and moulds from dairy and other food products.	39.05
TM 498	WORT AGAR For cultivation and enumeration of yeasts.	48.30

FSSC Certified - Food Grade Chemicals, Ready To Use Plates / Glass Bottles / Tubes / Slants Are Also Available



Food Microbiology



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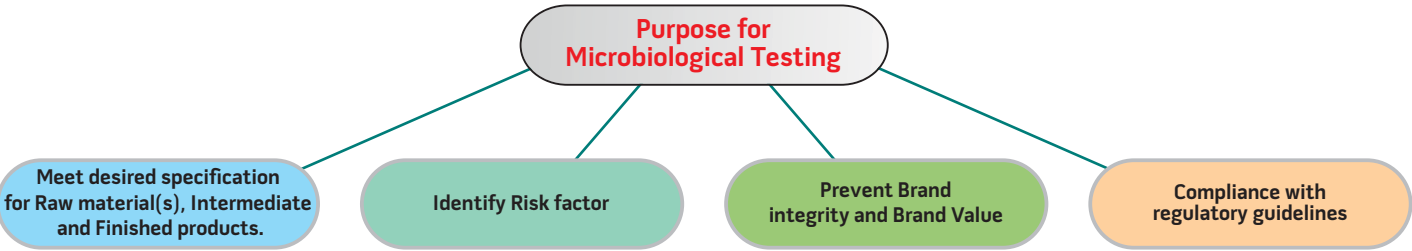


TITAN BIOTECH LIMITED

Manufacturer & Exporter

ISO 9001:2015 | ISO 13485:2016 | ISO 11133:2014 | FSSC 22000 | GMP | CE Certified

The relatively high occurrence of outbreaks of foodborne and waterborne diseases in many countries, has resulted in increased demand for the microbiological testing and have become a crucial part of the quality assurance process. It anchors the safety of the food product for consumption.



The primary aim of microbiological testing is to use testing methods suitable to detect, enumerate and identify harmful microorganisms in a food product which can lead to spoilage of food, and ensure safety from foodborne and waterborne diseases.

Microbiological testing provides independent assurance that a food safety management program has been effectively implemented and is properly controlling potential sources of microbiological contamination.

Titan Biotech Limited offers a broad range of Culture Media for the detection, isolation and enumeration of microbes in Food and Beverage products: DCM, RTU, Chromogenic Culture Media. The media depending upon the application have been further subdivided into the below mentioned categories :

General Purpose

Product Code	Product Name	F. wt.(Gm/Ltr)
TM 341	NUTRIENT AGAR For cultivation of less fastidious microorganisms, can be enriched with blood or other biological fluids.	28.00
TM 350	NUTRIENT BROTH For general cultivation of less fastidious microorganisms, can be enriched with blood.	13.00
TM 345	TRYPTONE SOYA AGAR (SOYABEAN CASEIN DIGEST AGAR) For enrichment and isolation of various fastidious microorganisms with or without blood.	40.00
TM 544	STANDARD PLATE AGAR (PLATE COUNT AGAR) (ISO 4833-1:2013) For determination of plate counts of microorganisms in foods, water, waste water and also from clinical samples.	23.50

Coagulase – Positive *Staphylococci*

Product Code	Product Name	F. wt.(Gm/Ltr)
TM 1579	BAIRD PARKER AGAR BASE (RPF) (ISO 6888-1-1999) For isolation & enumeration of coagulase positive Staphylococci from foods & pharma products.	56.00
TS 001	EGG YOLK TELLURITE EMULSION (100 ml/vl)	#10 vl
TS 002	EGG YOLK EMULSION (100 ml/vl)	#10 vl
TS 003	POTASSIUM TELLURITE 3.5% (10 ml/vl)	#16 vl
TS 004	B. P. SULPHA SUPPLEMENT	#80 vl
TS 176	RPF SUPPLEMENT (FIBRINOGEN PLASMA TRYPSIN INHIBITOR SUPPLEMENT)	
TM 362	BRAIN HEART INFUSION BROTH For cultivation of fastidious microorganisms associated with blood culture.	37.00
TM 118A	GIOLITTI-CANTONI BROTH BASE (ISO 6888-3:2003) For selective enrichment of <i>Staphylococcus aureus</i> from foods.	55.20
TS 003	POTASSIUM TELLURITE 3.5% (10 ml/vl)	#8 vl

Mesophilic Lactic Acid Bacteria

Product Code	Product Name	F. wt.(Gm/Ltr)
TM 755	MRS AGAR, MODIFIED (LACTOBACILLUS HETEROFERM SCREEN AGAR) For isolation and cultivation of <i>Lactobacillus</i> species from foods.	62.02

Salmonella species



Product Code	Product Name	F. wt.(Gm/Ltr)
TM 307	BUFFERED PEPTONE WATER (ISO 6579-1:2017 / 11133:2014) For pre enrichment of injured <i>Salmonella</i> species prior to selective enrichment and isolation.	20.00
TM 1282	RAPPAPORT VASSILIADIS SOYA BROTH (RVS BROTH) For selective enrichment of <i>Salmonellae</i> species from the food and animal feeding stuffs.	26.75
TM 492	XLD AGAR (ISO 6579:2002) For selective isolation and enumeration of <i>Salmonella typhi</i> and other <i>Salmonella</i> species.	56.68
TM 1621	XLD AGAR MODIFIED (ISO 6579:2002) For isolation and enumeration of <i>Salmonella typhi</i> and other <i>Salmonella</i> species.	55.43
TM 1819	TRIPLE SUGAR IRON AGAR (ISO 6785:2001 / ISO 6579:2002) For identification of gram negative enteric bacteria on the basis of sugar fermentation & H ₂ S production.	55.43
TM 394	UREA AGAR BASE (CHRISTENSEN) (AUTOCLAVABLE) For detection of urease producing bacteria.	55.43
TS 030	UREA 40% (5 ml/vl)	#208 vl
TM 324	GLUCOSE PHOSPHATE BROTH (BUFFERED GLUCOSE BROTH) (MR-VP MEDIUM) Used in differentiation of bacteria by MR-VP test.	17.00
TM 1849	TRYPTONE WATER (ISO 7253:1993, 9308-1:1993) For detection of indole production by coliforms.	25.00
TM 364	BRILLIANT GREEN AGAR BASE, MODIFIED For selective isolation of <i>Salmonellae</i> other than <i>Salmonella typhi</i> from faeces and foods etc.	58.00
TS 013	SULPHA SUPPLEMENT	#18 vl
TM 1512	BRILLIANT GREEN AGAR W/ PHOSPHATES (ISO 6579: 1981/ 3565 :1975 / 6785:1985) For selective isolation of <i>Salmonella</i> .	54.69
TS 013	SULPHA SUPPLEMENT	#20 vl
TM 1399	MULLER KAUFFMAN TETRATHIONATE NOVOBIOCIN BROTH BASE (ISO 3565:1975, ISO 6579:2002) for enrichment and isolation of <i>Salmonellae</i> by surpassing <i>Proteus species</i> .	89.36
TS 152	MKTT NOVOBIOCIN SUPPLEMENT	#6 vl

Listeria monocytogenes

Product Code	Product Name	F. wt.(Gm/Ltr)
TM 1472	FRASER BROTH BASE (ISO 11290-1:2004) For isolation and enumeration of <i>Listeria monocytogenes</i> from food and animal feeds.	58.00
TS 034	FRASER SUPPLEMENT	#19 vl
TS 035	FRASER SELECTIVE SUPPLEMENT	#19 vl
TM 004	CHROMOGENIC LISTERIA AGAR BASE (ISO 11290-1:2004) For selective identification and differentiation of <i>Listeria monocytogenes</i> .	70.05
TS 205	CHROMOGENIC LISTERIA SELECTIVE SUPPLEMENT	#15 vl
TS 031	CHROMOGENIC ENRICHMENT SUPPLEMENT	#15 vl
TM 1634	CHROMOGENIC LISTERIA AGAR BASE (Modified) (ISO 11290-1:1997) For selective identification and differentiation of <i>Listeria monocytogenes</i> .	54.69
TS 205	CHROMOGENIC LISTERIA SELECTIVE SUPPLEMENT	#20 vl
TM 1226	LISTERIA IDENTIFICATION AGAR BASE (PALCAM) (ISO 11290-2:1996) For detection and enumeration of <i>Listeria monocytogens</i> from food and animal feeds.	69.00
TS 119	LISTERIA SELECTIVE SUPPLEMENT (PALCAM)	#15 vl

Escherichia coli 0157

Product Code	Product Name	F. wt.(Gm/Ltr)
TM 1854	CHROMOGENIC EC 0157:H7 AGAR (ISO 16654:2001) For isolation and differentiation of <i>Escherichia coli</i> 0157:H7 from food and environmental samples.	28.85
TS 034	CHROMOGENIC EC 0157:H7 SELECTIVE SUPPLEMENT	#17 vl
TM 1915	MacCONKEY SORBITOL AGAR BASE (ISO 16654-2001) a selective medium for isolation and detection of <i>Escherichia coli</i> 0157:H7	50.03
TS 087	TELLURITE - CEFIXIME SUPPLEMENT	#20 vl

β-Glucuronidase–Positive *Escherichia coli*



Product Code	Product Name	F. wt.(Gm/Ltr)
TM 1339	CHROMOGENIC TRYPTONE BILE GLUCURONIDE AGAR CHROMOGENIC E.COLI AGAR) (TBX AGAR)ISO 16649-1:2001 / 16649-2:2001 / 16649-3:2015) For easy enumeration of <i>E. coli</i> without membrane filtration, or pre-incubation on Mineral Modified Glutamate Medium Base.	20.00
TM 1857	MINERAL MODIFIED GLUTAMATE BROTH BASE (ISO 16649-3:2005) For enumeration of coliform bacteria in water and wastewater samples.	17.70

Presumptive *Esherichia coli*

Product Code	Product Name	F. wt.(Gm/Ltr)
TM 150	LAURYL SULPHATE BROTH (LAURYL TRYPTOSE BROTH) (ISO 4831:1991) For detection and enumeration of coliform bacteria in water, waste water, dairy products and other food sample.	35.60
TM 417	EC BROTH ISO 7251:2005) For selective enumeration of faecal and non faecal coliforms in water.	37.00
TM 1849	TRYPTONE WATER (ISO 7253:1993, 9308-1:1993) For detection of indole production by coliforms.	25.00

Enterobacteriaceae

Product Code	Product Name	F. wt.(Gm/Ltr)
TM 307	BUFFERED PEPTONE WATER (ISO 6579-1:2017 / 11133:2014) For pre enrichment of injured <i>Salmonella</i> species prior to selective enrichment and isolation.	20.00
TM 1804	EE BROTH, MOSSEL (ISO 21528-1:2004) For selective enrichment of Enterobacteriaceae in bacteriological examination of foods.	43.47
TM 371	EMB AGAR, LEVINE (ISO 21150:2009) For isolation, enumeration and differentiation of members of Enterobacteriaceae from pharma, dairy & food products.	37.50
TM 426	VIOLET RED BILE AGAR For isolation and enumeration of <i>coli-aerogenes</i> in water, milk and other dairy food products.	41.53
TM 348	SIMMONS CITRATE AGAR (ISO 10273:2003) For differentiation of Enterobacteriaceae on the basis of citrate utilization.	24.28
TM 501	YERSINIA SELECTIVE AGAR BASE (CIN AGAR) For selective isolation enumeration of <i>Yersinia enterocolitica</i> from clinical & food samples.	24.28
TS 057	YERSINIA SELECTIVE SUPPLEMENT	#18 vl

Shigella species

Product Code	Product Name	F. wt.(Gm/Ltr)
TM 121	HEKTOEN ENTERIC AGAR (ISO 21567:2004) For differential & selective isolation of <i>Salmonella</i> and <i>Shigella</i> from enteric pathological specimens.	76.67
TM 386	SS AGAR (SALMONELLA SHIGELLA AGAR) for differential and selective isolation of <i>Salmonella</i> and <i>Shigella</i> species from pathological samples.	63.00
TM 1819	TRIPLE SUGAR IRON AGAR (ISO 6785:2001 / ISO 6579:2002) For identification of gram negative enteric bacteria on the basis of sugar fermentation & H ₂ S production.	65.00
TM 394	UREA AGAR BASE (CHRISTENSEN) (AUTOCLAVABLE) For detection of urease producing bacteria.	41.53
TS 030	UREA 40% (5 ml/vl)	#208 vl