

Culture media compliant to ISO, Chinese GB, and US regulatory standards

As a worldwide leading provider of industrial microbiology solutions, we address the needs of customers in industries where consumer safety is a major concern. Food manufacturing is particularly sensitive due to the potentially grave consequences that product contamination may have on the health of consumers. To minimize the risk, increasingly stringent standards are being set around the globe to regulate the production of food.

The microbiological food testing market is highly regulated in most countries. International standards such as (EN) ISO are followed in most European countries and in many countries outside of Europe. These countries adopt ISO standards and transpose them into national standards. Other countries like the USA have developed their own standards, such as USDA-FSIS MLG, FDA-BAM, AOAC, APHA and SMWW methods, which to some extent are also followed in certain countries outside of the USA.

China, as a major food producing and food importing country, has also developed its own national standards for food pathogen and spoilage organism testing, named GB standards. These GB standards describe in detail how to analyze the food samples including the testing workflows and the necessary culture media with their formulations. It is important to be aware that different standards may use a culture medium with the same name, but imply different formulations. If a product from the food chain for export from Europe to China or the USA (or vice versa) is not tested in compliance with the standards of the destination including its test procedures and stipulated culture media formulations, the food may not be allowed to be imported.

Our range of culture media that are compliant to (EN) ISO, Chinese GB, and US regulatory standards and



methods makes it easier for you to stay compliant when exporting food and to remain one step ahead in microbial testing. Some of the culture media are also available with halal certification.

Two powerful culture media brands

Almost all our dehydrated culture media (DCM) fall into the Millipore® brands GranuCult® (granulated media) and NutriSelect® (powdered media). These carry trademark extensions, either basic, plus or prime, that indicate the quality control (QC) level of each DCM. The addition "prime" indicates that this medium is compliant with international regulatory standards (e.g. ISO, FDA-BAM, EP, USP), whereas "plus" indicates conformity with the standards in particular industries (e.g. pharmaceuticals, food & beverages).

QC Levels	Granulated Media	Powdered Media
Level 3: Compliant with growth performance tests acc. to regulatory standards	GranuCult® prime	NutriSelect® prime
Level 2: Compliant with growth performance tests acc. to industry standards	GranuCult® plus	NutriSelect® plus
Level 1: QC without growth performance tests	–	NutriSelect® basic



The following table lists all our available dehydrated culture media with compliance to major ISO food and water standards and cross-compliance to Chinese GB and US regulatory standards.

Composition compliant to

Article No.	Article Name	ISO and others	US Standards	GB Standards
100415	A-1 Broth acc. to FDA-BAM and SMWW, GranuCult® prime	—	APHA FDA-BAM Medium M1 AOAC Official Method 978.23	—
110453	APT agar, NutriSelect® plus	—	APHA	—
105406 103785	BAIRD-PARKER Agar (Base) acc. ISO 6888 and FDA-BAM, GranuCult® prime + Egg yolk tellurite emulsion, pasteurized, 20%	ISO 6888-1:2021 ISO 6888-3:2003	APHA FDA-BAM Medium M17 AOAC Official Methods 975.55 and 987.09 SMWW Part 9213 USDA-FSIS MLG 1.14:2024	—
107994	BAT agar acc. IFU Method No. 12 GranuCult® prime	IFU Method No. 12:2019	APHA	—
107993	BAT broth acc. IFU method No. 12 GranuCult® prime"	IFU Method No. 12:2019	APHA	—
100072	Bile aesculin azide agar acc. ISO 7899-2, GranuCult® plus	ISO 7899-2:2000	SMWW 9230B	—
100191	Bismuth sulfite (BS) agar acc. WILSON and BLAIR, NutriSelect® prime	ISO 6579-1:2017 Amd 1:2020	APHA AOAC Official Method 967.25 FDA-BAM Medium M19 SMWW Part 9260	GB 4789.4-2024
100068 100079	BOLTON broth (base) acc. ISO 10272, GranuCult® prime + Bolton Broth Selective Supplement	ISO 10272-1:2017 ISO 17995:2019	APHA FDA-BAM Medium M28a USDA-FSIS MLG 1.14:2024	—
100207	BPLS (Brilliant-green Phenol-red Lactose Sucrose) agar ref. to ISO 6579, GranuCult® prime	ISO 6579-1:2017/ Amd 1:2020 (referenced)	APHA USDA-FSIS MLG 1.14:2024	—
110747	BPLS (Brilliant-green Phenol-red Lactose Sucrose) agar modified (EDEL-KAMPELMACHER) ref. to ISO 6579, GranuCult® prime	ISO 6579-1:2017/ Amd 1:2020 (referenced)	APHA	—
103870	Brain Heart Infusion (BHI) agar acc. FDA-BAM, GranuCult® prime	—	APHA	—
105454	BRILA (Brilliant-green bile Lactose) broth acc. ISO 4831, ISO 4832 and FDA-BAM, GranuCult®prime	ISO 4831:2006 ISO 4832:2006	APHA FDA-BAM Medium M25 SMWW Part 9221	GB 4789.3-2016 GB 8538-2022
101617	BRYANT BURKEY Broth modified by BERGÈRE acc. CNERNA (with resazurin and lactate), NutriSelect® prime	CNERNA	—	—
107228	Buffered Peptone Water acc. ISO 6579, ISO 19250, ISO 21528, ISO 22964, ISO 6887, FDA-BAM und EP, GranuCult® prime	ISO 6579-1:2017/ Amd 1:2020 ISO/TS 6579-2:2012 ISO 6887-1:2017 ISO/TS 13136:2012 ISO 19250:2010 ISO 21528-1:2017 ISO 22964:2017	APHA FDA-BAM Medium M192 USDA-FSIS MLG 1.14:2024	GB 4789.4-2024 GB 4789.30-2016 GB 4789.40-2024 GB 4789.41-2016
104316	Buffered Peptone Water halal acc. ISO 6579, ISO 19250, ISO 21528, ISO 22964, ISO 6887, FDA-BAM and EP, NutriSelect® prime	ISO 6579-1:2017/ Amd 1:2020 ISO/TS 6579-2:2012 ISO 6887-1:2017 ISO/TS 13136:2012 ISO 19250:2010 ISO 21528-1:2017 ISO 22964:2017	APHA FDA-BAM Medium M192 USDA-FSIS MLG 1.14:2024	GB 4789.4-2024 GB 4789.30-2016 GB 4789.40-2024 GB 4789.41-2016
111723	Casein digest Soy Lecithin Polysorbate 20 (FCDLP 20) Broth (Base) (TAT Broth Base) acc. ISO 16212, ISO 18415 and ISO 21149, NutriSelect® prime	ISO 16212:2017 ISO 18415:2017 ISO 21149:2017	—	—

Article No.	Article Name	ISO and others	US Standards	GB Standards
120596	CCI (Chromogenic Cronobacter Isolation) agar acc. ISO 22964, GranuCult® prime	ISO 22964:2017	—	GB 4789.40-2024
105284	Cetrimide Agar (base) acc. ISO 22717, FDA-BAM and Ph. Eur./USP/JP, GranuCult® prime	ISO 22717:2015	FDA-BAM Medium M37	—
103871 103880	CIN (Cefsulodin, IrgasanTM, Novobiocin) agar (base) acc. ISO 10273, GranuCult® prime + Yersinia Selective Supplement (CIN)	ISO 10273:2017	FDA-BAM Medium M35	GB 4789.8-2016
113306	Coagulase acc. ISO 6888, ISO 22718, FDA-BAM and AOAC, Bactident®	ISO 6888-1:2021/ Amd 1:2023 ISO 6888-3:2003 ISO 22718:2015	APHA FDA-BAM chapter 12:2016 AOAC Official Methods 975.55 and 987.09	GB 4789.10-2016
110426	Coliform agar acc.to ISO 9308-1, Chromocult®	ISO 9308-1:2014/ Amd 1:2016	—	—
110878	Colony Count Agar sugar-free acc. ISO 13559 I IDF 153, GranuCult® prime	ISO 13559 I IDF 153:2002	—	—
100214	Columbia agar (base) acc. ISO 10272 and EP/USP/JP, GranuCult® prime	ISO 10272-1:2017 ISO 10272-2:2017 ISO 15213-1:2023 ISO 15213-2:2023 ISO/TS 15213- 3:2024 ISO 17995:2019	APHA	GB 4789.9-2014 GB 4789.11-2014
120597 120595	CSB (Cronobacter Selective Broth) acc. ISO 22964, GranuCult® prime + CSB selective supplement	ISO 22964:2017	—	—
100465	DG 18 (Dichloran glycerol chloramphenicol) agar (base) acc. ISO 21527 and FDA-BAM, GranuCult® prime	ISO 21527-2:2008	APHA FDA-BAM Medium M184	—
100466	DRBC (Dichloran-rose bengal chloramphenicol) agar acc. ISO 21527 and FDA-BAM, GranuCult® prime	ISO 21527-1:2008	APHA FDA-BAM Medium M183	—
111699	Differential Reinforced Clostridial broth (DRCM), GranuCult® plus	ISO 6461-1:1986	—	—
110765	EC (Escherichia coli) Broth acc. ISO 7251 and FDA-BAM, GranuCult® prime	ISO 7251:2005/ Amd 1:2023	DA-BAM Medium M49 SMWW Part 9221	GB 4789.36-2016 GB 4789.38-2012 GB 4789.39-2013 GB 4789.49-2024 GB/T 5750.12-2023 GB 4789.6-2016 GB 4789.41-2016
105394	EE (Enterobacteriaceae Enrichment) MOSSEL Broth acc. ISO, GranuCult® prime	ISO 21528-1:2004 (withdrawn)	—	GB 4789.6-2016 GB 4789.41-2016
104044	ENDO-Agar, GranuCult® prime	—	SMWW Part 9213	—
108191	Fluid Thioglycollate medium acc. EP, USP, JP and ISO, GranuCult® prime	—	APHA FDA-BAM Medium M146	GB/T 5750.12-2023 GB 8538-2022
110398 100092 100093	FRASER broth (base) acc. ISO 11290, GranuCult® prime + Ammonium iron(III) citrate supplement + Fraser Listeria Selective Supplement	ISO 11290-1:2017	APHA	—
110675	GIOLITTI-CANTONI broth (base) acc. ISO 6888, GranuCult® prime	ISO 6888-3:2003	APHA	—
100025 100092	Half FRASER (Demi FRASER) broth (base) with antibiotics acc. ISO 11290, GranuCult® prime + Ammonium iron(III) citrate supplement	ISO 11290-1:2017	APHA	—
100215	Hektoen enteric (HE) agar acc. ISO 21567, FDA-BAM and ref. to ISO 6579, GranuCult® prime	ISO 6579-1:2017/ Amd 1:2020 (referenced) ISO 21567:2004	APHA FDA-BAM Medium M61	4789.4-2024
110864	Iron sulfite Agar (ISA) acc. ISO 15213-1, GranuCult® prime	ISO 15213-1:2023	—	—
103859	KLIGLER agar acc. FDA-BAM, GranuCult® prime	—	FDA BAM Medium M71	—

Article No.	Article Name	ISO and others	US Standards	GB Standards
109293 111350	Kovacs' indole reagent Bactident® Indole	ISO 6579-1:2017/ Amd 1:2020 ISO/TS 6579-2:2012 ISO 7251:2005/ Amd 1:2023 ISO 10273:2017 ISO 11866-1 I IDF 170-1:2005 ISO 11866-2 I IDF 170-2:2005 ISO 16654:2001 ISO 21567:2004 ISO 21872-1:2017/ Amd 1:2023	APHA FDA-BAM Reagent R38 SMWW Part 9225 USDA-FSIS MLG 1.14:2024	GB 4789.38-2012
107661	Lactose broth acc. FDA-BAM, GranuCult® prime	—	APHA FDA-BAM Medium M74	—
107680	Lactose TTC agar with Tergitol® 7, GranuCult® plus	ISO 9308-1:2000 (withdrawn)	—	—
110266	Lauryl Sulfate Broth acc. ISO 4831, ISO 7251 and FDA-BAM, GranuCult® prime	ISO 4831:2006 ISO 7251:2005/ Amd 1:2023	FDA-BAM Medium M76 SMWW Part 9221	GB 4789.3-2016 GB 4789.38-2012 GB 4789.39-2013
112588	Lauryl sulfate broth + MUG acc. ISO 11866 and FDA-BAM, Fluorocult®	ISO 11866-1 I IDF 170-1:2005	FDA-BAM Medium M77	GB 4789.36-2016
110405	Letheen broth base modified, GranuCult® plus	ISO 18415:2017 ISO 21149:2017 ISO 21150:2015	—	—
103857	LEVINE Eosin-Methylene blue (L-EMB) agar acc. ISO 21150 and FDA-BAM, GranuCult® prime	ISO 21150:2015	APHA FDA-BAM Medium M80 SMWW Part 9260 USDA-FSIS MLG 1.14:2024	GB/T 5750.12-2023 GB 4789.6-2016 GB 4789.38-2012
100427 100432 100439	Listeria Agar (Base) acc. OTTAVIANI and AGOSTI + Listeria Agar Selective-Supplement, Chromocult® + Listeria Agar Enrichment-Supplement, Chromocult®	ISO 11290-1:2017 ISO 11290-2:2017	APHA FDA-BAM Medium M10a	GB 4789.30-2016
111640	Lysine iron agar, GranuCult® plus	—	APHA FDA-BAM Medium M89	—
115108	M 17 agar acc. to TERZAGHI, GranuCult® plus	ISO 7889 I IDF 117:2003	—	—
100205	MacCONKEY (MAC) agar acc. ISO 21150, ISO 21567, FDA-BAM and EP, USP, JP, GranuCult® prime	ISO 21150:2015 ISO 21567:2004	APHA AOAC Official Method 467.25 FDA-BAM Medium M91 SMWW Part 9225 SMWW Part 9260	GB 4789.5-2012 GB 4789.6-2016 GB 4789.49-2024
105398	Malt extract agar, GranuCult® plus	ISO 16212:2008	—	—
105397	Malt extract broth, GranuCult® plus	IFU Method No. 2:2022	—	—
112535	Maximum Recovery Diluent (Peptone Salt Solution) acc. ISO 6887 and ISO 8199, GranuCult® prime	ISO 6887-1:2017 ISO 8199:2018	—	—
100070 100071	mCCD (Modified Charcoal Cefoperazone Deoxycholate) Agar (Base) acc. ISO 10272, NutriSelect® prime + CCDA Selective Supplement	ISO 10272-1:2017/ Amd 1:2023 ISO 10272-2:2023/ Amd 1:2023 ISO 17995:2019	APHA	—
114582	mEC-broth with Novobiocin, GranuCult® plus	—	APHA	GB 4789.36-2016
111277	m-ENDO agar LES, GranuCult® plus	—	FDA-BAM Medium M197 SMWW Part 9222B	—
111278	M FC agar, GranuCult® plus	—	SMWW Part 9222D	—
105878	MKTTn (MULLER-KAUFFMANN Tetrathionate Novobiocin) broth (base) acc. ISO 6579, GranuCult® prime	ISO 6579-1:2017/ Amd 1:2020 ISO 19250:2010	—	—
110660	MRS Agar (de MAN, ROGOSA and SHARPE) acc. ISO 15214, GranuCult® prime	ISO 15214:1998	APHA	GB 4789.34-2016 GB 4789.35-2023
105712	MR-VP Broth (Methyl-red VOGES-PROSKAUER Broth)	ISO 11290-1:2017 ISO 11290-2:2017 ISO 22964:2017	APHA FDA-BAM Medium M104 (Medium 1)	GB 4789.7-2013 GB 4789.14-2014 GB 4789.30-2016 GB 4789.38-2012

Article No.	Article Name	ISO and others	US Standards	GB Standards
109878 109874	MSRV (Modified Semi-solid RAPPAPORT-VASSILIADIS) medium (base) acc. ISO 6579, GranuCult® prime + MSRV Selective Supplement	ISO 6579-1:2017/ Amd 1:2020 ISO/TS 6579-2:2012	—	—
140011	mTSB (modified Tryptic Soy Broth) acc. USDA-FSIS, GranuCult® prime	—	USDA-FSIS MLG 1.14:2024	GB 4789.49-2024
109205	mTSB broth with Novobiocin (20 mg/L) acc. ISO 16654 and FDA-BAM, GranuCult® prime	ISO 16654:2001	APHA FDA-BAM Medium M156	—
103872	MUELLER-HINTON (MH) agar acc. FDA-BAM, GranuCult® prime	—	FDA-BAM Medium M107	—
105267 103784 109875	MYP (Mannitol Egg Yolk Polymyxin) Agar (base) acc. ISO 7932, ISO 21871 and FDA-BAM, GranuCult® prime + Egg-yolk emulsion, pasteurized, 50% + Bacillus cereus Selective Supplement	ISO 7932:2004 ISO 21871:2006	FDA-BAM Medium M95 USDA-FSIS MLG 1.14:2024	GB 4789.14-2014
105450	Nutrient Agar acc. ISO 6579, ISO 10273 and ISO 21528, GranuCult® prime	ISO 6579-1:2017/ Amd 1:2020 ISO/TS 6579-2:2012 ISO 10273:2017 ISO 19250:2010 ISO 21528-1:2017 ISO 21528-2:2017	APHA FDA-BAM Medium M112 FDA-BAM Medium M113 USDA-FSIS MLG 1.14:2024	—
105443	Nutrient broth acc. FDA-BAM, GranuCult® prime	—	APHA FDA-BAM Medium M114 USDA-FSIS MLG 1.14:2024	—
103865	OF (Oxidative/Fermentative) medium (base) acc. ISO 21528, GranuCult® prime	ISO 21528-1:2017 ISO 21528-2:2017	APHA FDA-BAM Medium M117	—
105978 109877	OGY agar, Base, GranuCult® prime + OGYE selective supplement	ISO 6611 I IDF 94:2006	—	—
110673	Orange Serum Agar acc. IFU, GranuCult® prime	IFU Method No. 2:2022	APHA	—
107004 107006	Oxford Agar (Base) acc. FDA-BAM, GranuCult® prime + Oxford Listeria selective supplement	ISO 11290-1:2017 (referenced)	FDA-BAM Medium M118	—
100181	Oxidase for the detection of cytochrome oxidase in microorganisms, Bactident®	ISO 7218:2024 ISO 9308-1:2014/ Amd 1:2016 ISO 10272-1:2017 ISO 10272-2:2017 ISO/TS 11059 I IDF/ RM 225:2009 ISO 13720:2010 ISO 13722:2017 ISO 16266:2006 ISO 17995:2019 ISO 21528-1:2017 ISO 21528-2:2017 ISO 21872-1:2017 ISO 22964:2017	APHA FDA-BAM Reagent R54 SMWW Part 9222 SMWW Part 9225 USDA-FSIS MLG 1.14:2024	GB 4789.6-2016 GB 4789.7-2013 GB 4789.36-2016 GB 4789.40-2024 GB 4789.41-2016
111755 112122	PALCAM agar acc. VAN NETTEN et al. (Base) acc. FDA-BAM and ref. to ISO 11290, NutriSelect® prime + PALCAM Listeria selective supplement	ISO 11290-1:2017 (referenced)	FDA-BAM Medium M118a	GB 4789.30-2016
110987	Phenol-red Broth Base, NutriSelect® prime	ISO 10273:2017 ISO 22964:2017	APHA FDA-BAM Medium M121+M122	GB 4789.40-2024
105463	Plate Count Agar acc. ISO 4833, ISO 17410 and FDA-BAM, GranuCult® prime	ISO 4833-1:2013/ Amd 1:2022 ISO 4833-2:2013/ Amd 1:2022 ISO 17410:2019 IFU Methods No. 6:2018 No. 12:2019	APHA AOAC Official Methods 940.36, 966.23, 977.27 FDA-BAM Medium M124 SMWW Part 9215 USDA-FSIS MLG 1.14:2024	GB 4789.2-2022 GB 4789.43-2016
104324	Plate Count Agar halal acc. ISO 4833, ISO 17410 and FDA-BAM, NutriSelect® prime	ISO 4833-1:2013/ Amd 1:2022 ISO 4833-2:2013/ Amd 1:2022 ISO 17410:2019 IFU Methods No. 6:2018 No. 12:2019	APHA AOAC Official Methods 940.36, 966.23, 977.27 FDA-BAM Medium M124 SMWW Part 9215 USDA-FSIS MLG 1.14:2024	GB 4789.2-2022 GB 4789.43-2016

Article No.	Article Name	ISO and others	US Standards	GB Standards
115338	Plate Count skimmed milk agar acc. ISO 4833 and ISO 17410, GranuCult® prime	ISO 4833-1:2013/ Amd1:2022 ISO 4833-2:2013/ Amd 1:2022 ISO 8553 I IDF 131:2004 ISO 17410:2019	APHA	—
110130	Potato Dextrose Agar, GranuCult® prime	ISO 11930:2019 ISO 16000-17:2009 ISO 16212:2017	FDA-BAM Medium M127	GB 4789.15-2016 GB 4789.16-2016
104329	Potato Dextrose Agar halal acc. EP/USP/JP, ISO 16212 and FDA-BAM, NutriSelect® prime	ISO 11930:2019 ISO 16000-17:2009 ISO 16212:2017	FDA-BAM Medium M127	GB 4789.15-2016 GB 4789.16-2016
100414	Presence-Absence broth, GranuCult® plus	—	SMWW 9221D	—
110989	Pseudomonas Agar F (base), NutriSelect® plus	ISO 16266:2006	FDA-BAM Medium M69	—
110988	Pseudomonas Agar P (KING A Medium) (base) acc. ISO 22717 and FDA-BAM, NutriSelect® prime	ISO 22717:2015	FDA-BAM Medium M 129	—
107620 107627 107624	Pseudomonas CFC/CN Agar (Base) acc. ISO 13720 and ISO 16266, GranuCult® prime + Pseudomonas CFC Selective Supplement or + Pseudomonas CN Selective Supplement	ISO/TS 11069 I IDF/ RM 225:2009 ISO 13720:2010 ISO 16266:2006	—	GB 8538-2022
100188	RAMBACH® agar ref. to ISO 6579 (Kit), Chromocult®	ISO 6579:2017/ Amd 1:2020 (referenced)	—	GB 4789.4-2024
115525	Ringer tablets	ISO 6887-5:2010 ISO 8199:2018	—	—
100467	Rose Bengal Chloramphenicol (RBC) Agar, GranuCult® plus	—	—	GB 4789.15-2016
107700	RVS (RAPAPORT-VASSILIADIS-Soya) broth acc. ISO 6579, ISO 19250, EN 15215 and USDA-FSIS, GranuCult® prime	ISO 6579-1:2017/ Amd 1:2020 ISO 19250:2010 CEN/TR 15215 series:2009	USDA-FSIS MLG 1.14:2024	GB 4789.4-2024
103873	SABOURAUD 2% Dextrose agar (SDA) acc. ISO, GranuCult® prime	ISO 11133:2014/ Amd 1:2018/ Amd2:2020	—	—
105438	SABOURAUD 4% Dextrose agar acc. harm. EP/USP/JP, GranuCult® prime	ISO 11133:2014/ Amd 1:2018/ Amd2:2020 ISO 16212:2017	—	GB 4789.26-2013
100212	Selenite Cystine (SC) broth acc. FDA-BAM (contains sodium selenite), GranuCult® prime	ISO 6579-1:2017/ Amd 1:2020 ISO 19250:2010	APHA AOAC Official Method 967.25 FDA-BAM Medium M134	GB4789.31-2013
105470	SIM (Sulfite Indole Motility) Agar acc. ISO 15213, GranuCult® prime	ISO 15213-2:2023 ISO/TS 15213- 3:2024	APHA FDA-BAM Medium M137	GB 4789.30-2016
103855	SIMMONS citrate agar acc. ISO 10273 and FDA-BAM, GranuCult® prime	ISO 10273:2017	APHA AOAC Official Method 967.25 FDA-BAM Medium M138 SMWW Part 9225	GB 4789.5-2012 GB 4789.14-2014 GB 4789.38-2012 GB 4789.40-2024
105289 108380	SLANETZ and BARTLEY agar (base) acc. ISO 7899, GranuCult® prime + 2,3,5-Triphenyltetrazolium chloride	ISO 7899-2:2000	SMWW Part 9230	—
105262	SLANETZ and BARTLEY agar incl. TTC acc. ISO 7899, GranuCult® prime	ISO 7899-2:2000	SMWW Part 9230	—
110582	Sodium chloride peptone broth (buffered), GranuCult® prime	ISO 21149:2017	—	—
100213	Sorbitol MacCONKEY (SMAC) agar acc. ISO 16654 and FDA-BAM, GranuCult® prime	ISO 16654:2001	APHA FDA-BAM Medium M139	GB 4789.36-2016
110235	SPS Agar (Perfringens Selective Agar acc. to ANGELOTTI), GranuCult® plus	—	—	GB/T 5750.12-2023
103853	SS (Salmonella Shigella) agar ref. to ISO 6579, GranuCult® prime	ISO 6579-1:2017/ Amd 1:2020 (referenced)	APHA	—

Article No.	Article Name	ISO and others	US Standards	GB Standards
105178	TBG broth modified, GranuCult® plus	—	APHA	—
116122	TBX (Tryptone Bile X-glucuronide) agar acc. ISO 16649, GranuCult® prime	ISO/TS 13136:2012 ISO 16649-1:2018 ISO 16649-2:2001 ISO 16649-3:2015	—	—
103854	TCBS (Thiosulfate Citrate Bile Sucrose) agar acc. ISO 21872 and FDA-BAM, GranuCult® prime	ISO 21872-1:2017/ Amd 1: 2023	APHA FDA-BAM Medium M147	GB 4789.7-2013
105285	Tetrathionate enrichment broth base acc. to MULLER-KAUFFMANN, NutriSelect® prime	—	APHA	—
100043 100045	TOS-MUP Agar (base) acc. ISO 29981 I IDF 220, GranuCult® prime + MUP Selective Supplement	ISO 29981 I IDF 220:2024	—	—
103915	Triple sugar iron agar, GranuCult® plus	ISO 6579-1:2017/ Amd 1:2020 ISO/TS 6579-2:2012 ISO 19250:2010 ISO 21567:2004	APHA FDA-BAM Medium M149	—
105458	Tryptic Soy Agar acc. EP, USP, JP, ISO and FDA-BAM, GranuCult® prime	ISO 11133:2014/ Amd 1:2018/ Amd 2:2020 ISO 11731:2017 ISO 22964:2017	APHA FDA-BAM Medium M152 SMWW Part 9225 USDA-FSIS MLG 1.14:2024	GB 4789.40-2016 GB 4789.43-2016 GB 4789.49-2024
104317	Tryptic Soy Agar halal acc. EP, USP, JP, ISO and FDA-BAM, NutriSelect® prime	ISO 11133:2014/ Amd 1:2018/ Amd 2:2020 ISO 11731:2017 ISO 22964:2017	APHA FDA-BAM Medium M152 SMWW Part 9225 USDA-FSIS MLG 1.14:2024	GB 4789.40-2016 GB 4789.43-2016 GB 4789.49-2024
104323	Tryptic Soy Agar halal with Lecithin and Polysorbate 80 acc. EP, USP, JP, EN 17141 and ISO 21149, NutriSelect® prime	ISO 21149:2017 EN 17141:2020	—	—
105459	Tryptic Soy Broth (TSB), Casein-Peptone Soymeal-Peptone (CASO) Broth acc. harm. EP/USP/JP and ISO, GranuCult® prime	ISO 11133:2014/ Amd 1:2018/ Amd 2:2020	APHA FDA-BAM Medium M154 FDA-BAM Medium M158 USDA-FSIS MLG 1.14:2024	GB 4789.11-2014 GB 4789.43-2016
104326	Tryptic Soy Broth halal acc. EP/USP/JP, ISO and FDA-BAM, NutriSelect® prime	ISO 11133:2014/ Amd 1:2018/ Amd2:2020	APHA FDA-BAM Medium M154 FDA-BAM Medium M158 USDA-FSIS MLG 1.14:2024	GB 4789.11-2014 GB 4789.43-2016
115421	Tryptone salt tablets	ISO 6887-1:2017	—	—
110694	Tryptone /Tryptophan Broth acc. ISO 6579, ISO 16654 and ISO 21567, NutriSelect® prime	ISO 6579-1:2017/ Amd 1:2020 ISO/TS 6579-2:2012 ISO 16654:2001 ISO 19250:2010 ISO 21567:2004	APHA	—
110859	Tryptone Water (Peptone Water, indole-free) acc. ISO 7251, GranuCult® prime	ISO 7251:2005/ Amd 1:2023	APHA	—
103866	Tryptose broth acc. FDA-BAM, GranuCult® prime	—	APHA FDA-BAM Medium M167	—
111972	TSC (Tryptose Sulfite Cycloserine) Agar (base) acc. ISO 15213, ISO 14189 and FDA-BAM, GranuCult® prime + supplement D-cycloserin	ISO 6461-2:1986 ISO 15213-2:2023 ISO/TS 15213- 3:2024 ISO 14189:2013	APHA AOAC Official Method 976.30 FDA-BAM Medium M169	GB 4789.13-2012 GB 8538-2022
100445	Universal beer agar, GranuCult® plus	—	APHA	—
108492	Urea agar (Base) acc. CHRISTENSEN acc. ISO 6579, ISO 10273, ISO 19250, ISO 21567, NutriSelect® prime	ISO 6579-1:2017/ Amd 1:2020 ISO/TS 6579-2:2012 ISO 10273:2017 ISO 19250:2010 ISO 21567:2004	—	GB 4789.4-2024 GB 4789.5-2012 GB 4789.6-2016
110824	UVM broth (Base) modified acc. USDA-FSIS, GranuCult® prime	—	APHA USDA-FSIS MLG 1.14:2024	—
101406	VRB (Violet Red Bile Lactose) Agar acc. ISO 4832 and FDA-BAM, GranuCult® prime	ISO 4832:2006	APHA FDA-BAM Medium M174	GB 4789.3:2016 GB 4789.38-2012
104030	VRB (Violet Red Bile Lactose)-MUG agar acc. FDA-BAM, Fluorocult®	—	FDA-BAM Medium M175	GB 4789.38-2012

Article No.	Article Name	ISO and others	US Standards	GB Standards
110275	VRBD (Violet Red Bile Dextrose) Agar acc. EP, USP, JP and ISO 21528, GranuCult® prime	ISO 21528-1:2017 ISO 21528-2:2017	APHA	GB 4789.41-2016
110866	WL nutrient agar, GranuCult® plus	ISO 10718:2015	—	—
105287	XLD (Xylose Lysine Deoxycholate) Agar acc. ISO 6579, GranuCult® prime	ISO 6579-1:2017/ Amd 1:2020 ISO 19250:2019 ISO/TS 6579-2:2012	APHA USDA-FSIS MLG 1.14:2024	GB 4789.4-2024
113919	XLT 4 agar (Base) acc. USDA-FSIS and ref. to ISO 6579, GranuCult® prime	ISO 6579-1:2017/ Amd 1:2020 (referenced)	APHA USDA-FSIS MLG 1.14:2024	—
113116	Yeast Extract agar acc. ISO 6222, GranuCult® prime	ISO 6222:1999	—	—
116000	YGC agar, GranuCult® plus	ISO 6611 I IDF 94:2006	APHA	—
104327	YGC/OGY Agar (base) halal, Yeast extract Glucose Agar base) without antibiotics acc. ISO 6611 I IDF 94, NutriSelect® prime	ISO 6611 I IDF 94:2006	APHA	—

Abbreviations:

Amd	=	Amendment
AOAC	=	Association of Official Analytical Collaboration International
APHA	=	American Public Health Association
EN	=	European Standard
FDA-BAM	=	U.S. Food & Drug Administration – Bacteriological Analytical Manual
GB	=	GuoBiao Standards – National Standards of the People's Republic of China
IDF	=	International Dairy Federation
IFU	=	International Fruit and Vegetable Association
JP	=	Japanese Pharmacopoeia
ISO	=	International Organization for Standardization
Ph. Eur.	=	European Pharmacopoeia
SMWW	=	Standard Methods for Water and Wastewater
TS	=	Technical Specification
USDA-FSIS MLG	=	U.S. Department of Agriculture – Food Safety and Inspection Service – Microbiology Laboratory Guidebook
USP	=	U.S. Pharmacopeia



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