

Добавки для культуральных сред

Технические характеристики

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AGAR AGAR POWDER FOR BACTERIOLOGY

Product Code.	00080	Grade	For Bacteriology
Purity		CAS No.	9002-18-0
Molecular Formula	(C12H18O9)n	Molecular Weight	0.00
H.S.Code	1302.31000	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	Brownish yellow	Odour	Odorless
pH value	5 - 7	Solubility in water [% weight]	0.10%		

Packaging



Specification

Appearance	Brownish yellow powder/granular powder
Acid insoluble ash	Max 1%
Foreign organic matter	Max 1%
Foreign starch	Absent
Foreing insoluble matter	Max 1%
Sulphated ash	Max 5%
Loss on drying	Max 18%
Gelatin	Absent

Safety Information and Hazard Symbols

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AGAR AGAR POWDER PURIFIED FOR MICROBIOLOGY

Confirms to USP Agar, Gum agar

Product Code.	00081	Grade	
Purity		CAS No.	9002-18-0
Molecular Formula	(C12H18O9)n	Molecular Weight	0.00
H.S.Code	1302.31000	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	Brownish yellow	Odour	Odorless
pH value	5 - 7	Solubility in water [% weight]	0.10%		

Packaging



Specification

Appearance	Brownish yellow granular powder
Gel strength (1.5% gel)	Min 750 gm/cm2
Moisture content	Max 22%
Crude protein	Max 1.5%
Crude ash	Max 4.0%
Pathogenic bacteria	Negative
Gelling temperature	33 - 37°C

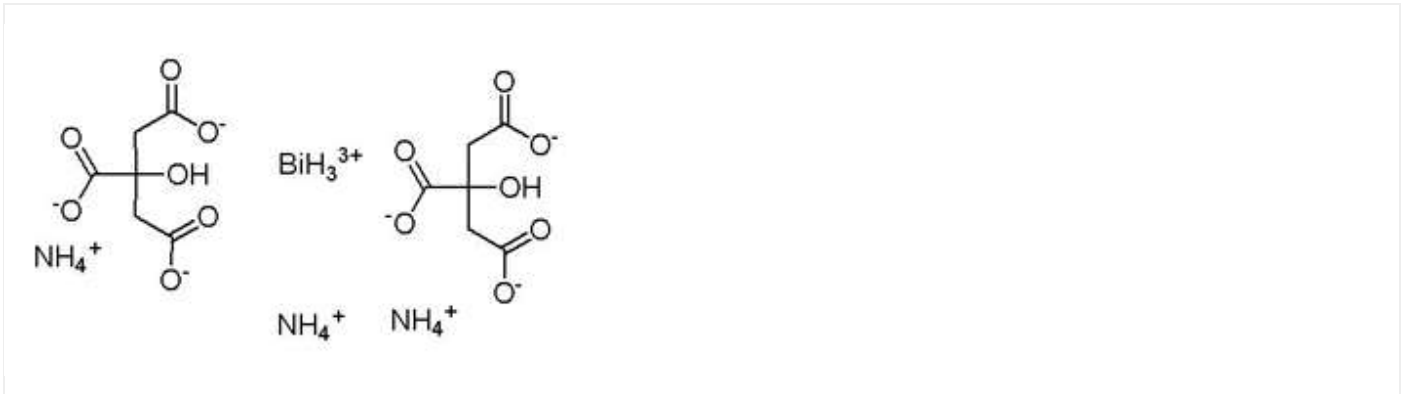
Safety Information and Hazard Symbols

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AMMONIUM BISMUTH CITRATE EXTRA PURE

Culture Media additive. Ammonium Bismuth Citrate; Citric acid ammonium bismuth salt

Product Code.	00187	Grade	
Purity	43-49%	CAS No.	31886-41-6
Molecular Formula	C ₂₄ H ₂₀ Bi ₄ O _{28.6} NH ₃ .10H ₂ O	Molecular Weight	1875.00
H.S.Code	2918.15900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	Odour	Odorless
Density [g/cm3]	1.8	Solubility in water [% weight]	Soluble in water		

Packaging



Specification

Appearance	White to off white powder
Solubility (10% in alkaline water)	Clear solution
Bismuth (Bi)	43.0 - 49.0%
Chloride (Cl)	Max. 0.001%
Iron (Fe)	Max 0.005%

Sodium (Na)	Max 0.2%
Calcium (Ca)	Max 0.01%
Copper (Cu)	Max 0.002%
Magnesium (Mg)	Max 0.01%

Safety Information and Hazard Symbols

BEEF EXTRACT PASTE FOR BACTERIOLOGY

Product Code.	00358	Grade	For Bacteriology
Purity		CAS No.	68990-09-0
Molecular Formula		Molecular Weight	0.00
H.S.Code	1603.00100	Shelf Life	24 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	Light yellow to cream	pH value	5.5 - 7.0
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Packaging



Specification

Appearance	Light yellow to brownish colored paste
Solubility	Freely soluble in distilled/purified water, insoluble in alcohol
pH (2% solution)	5.5 - 7.0
Total nitrogen (N)	Min 8.0%
Sulphated ash	Max 11.0%
Total aerobic count	Max 6000 CFU/gm
Pathogens (E.coli, Salmonella & Shigella)	Absent

Safety Information and Hazard Symbols

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BEEF EXTRACT POWDER BACTERIOLOGICAL GRADE

Completely water soluble.

Product Code.	00359	Grade	For Bacteriological
Purity		CAS No.	68990-09-0
Molecular Formula		Molecular Weight	0.00
H.S.Code	1603.00100	Shelf Life	24 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	Light yellow to cream	pH value	5.5 - 7.0
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Packaging



Specification

Appearance	Light yellow to brownish yellow powder
Solubility	Freely soluble in distilled/purified water, insoluble in alcohol
pH (2% w/v solution in water; 25°C)	5.90 - 6.90
Total nitrogen (N)	Min. 11.0%
Amino nitrogen	Min. 3.0%
Sodium chloride (NaCl)	Max. 6.5%
Loss on drying	Max. 6.0%
Residue on ignition	Max. 17.0%
Suitability (for bacteriology)	Passes test

Safety Information and Hazard Symbols

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BILE SALT FOR BACTERIOLOGY

Bile acids sodium salt, Cholic acid-Deoxycholic acid sodium salt mixture (Sodium Tauroglycocholate)

Product Code.	00413	Grade	For Bacteriology
Purity		CAS No.	
Molecular Formula		Molecular Weight	0.00
H.S.Code	3821.00000	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	Light brown powder	Odour	Pungent
Melting point/ Freezing point [°C]	198 °C	Solubility in water [% weight]	Soluble in water		

Packaging



Specification

Appearance	Light yellow and light beige and light brown powder
Bile acid content	Min 45%
Sulphated ash	Max 22%
Loss on drying	Max 8.0%
pH (2% solution in water)	6.0 - 8.0

Safety Information and Hazard Symbols

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MEAT EXTRACT POWDER

Used in general purpose and diagnostic media preparation

Product Code.	01641	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	1603.00100	Shelf Life	24 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	Light brown powder	Solubility in water [% weight]	Soluble in water
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Packaging

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Specification

Appearance	Yellow to light brown colored powder
Total nitrogen (N)	Min 11.5%
Amino nitrogen	Min 3.2%
Sodium chloride (NaCl)	Max 6.0%
pH (2% solution)	6.0 -7.0
Loss on drying (at 105°C)	Max 6.0%
Residue on ignition (as SO4)	Max 20.0

Safety Information and Hazard Symbols

OX-BILE DRIED POWDER 45% FOR MICROBIOLOGY

Used as a general purpose.

Product Code.	01907	Grade	
Purity	45%	CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	510.00200	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	Light brown	Odour	Peptone like
pH value	6.5 - 8.5	Solubility in water [% weight]	1150 g/l at 20 °C		

Packaging

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Specification

Appearance	Brown to greenish-brown powder
Assay (as cholic acid; on anhydrous basis)	Min 45%
Loss on drying	Max 5%
pH (2% solution in water)	5 - 7
Solubility (2% in water)	Clear

Safety Information and Hazard Symbols

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SKIM MILK POWDER FOR MICROBIOLOGY

High protein Thermophile free

Product Code.	02335	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	402.10900	Shelf Life	24 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	Pale yellow	Odour	Characteristic odour
pH value	6 - 8	Solubility in water [% weight]	700 g/l in water (200C)		

Packaging

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Specification

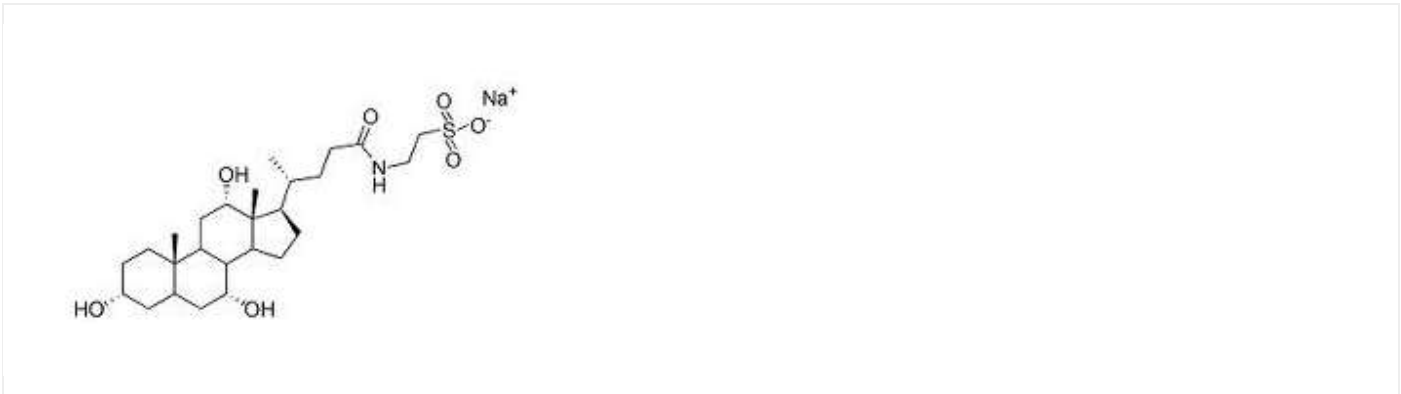
Appearance	Pale yellowish amorphous powder
Total nitrogen (N)	Approx. 5.3%
Water (H2O)	Max 5.0%
Ash content	Max 8.0%
Ether soluble substances	Max 0.25%

Safety Information and Hazard Symbols

SODIUM TAUROCHOLATE FOR BACTERIOLOGY

Suitable for incorporation with MacConkey's broth Taurocholic acid sodium salt

Product Code.	02521	Grade	For Bacteriology
Purity		CAS No.	145-42-6
Molecular Formula		Molecular Weight	0.00
H.S.Code	3821.00000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	Brown to greenish brown	Melting point/ Freezing point [°C]	125°C
Decomposition point [°C]	125°C	Solubility in water [% weight]	Soluble in water		

Packaging

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Specification

Appearance	Brown to greenish-brown powder
Suitability (for microbiological purpose)	Passes test
pH (2% solution in water)	5.0-7.0
Assay (as cholic acid; on dried basis)	Min 45.0%

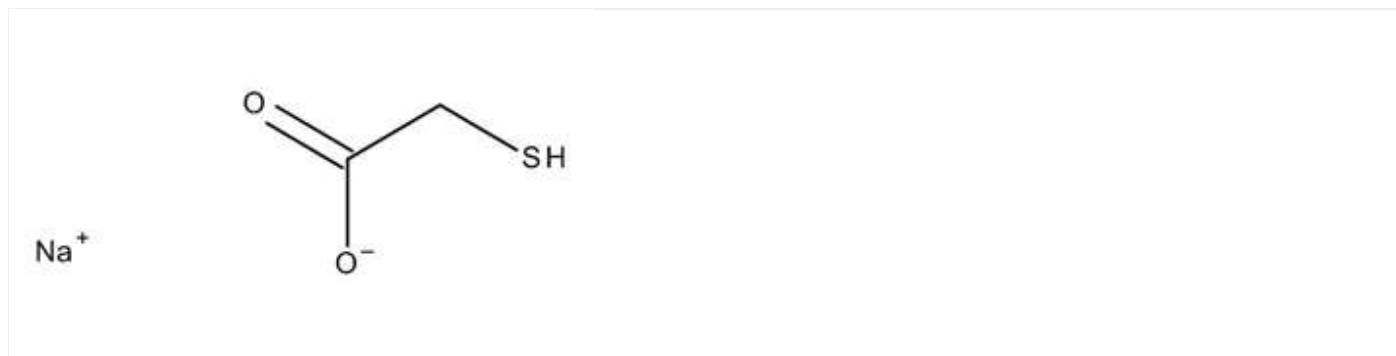
Safety Information and Hazard Symbols

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SODIUM THIOGLYCOLLATE 80% FOR BACTERIOLOGY

Store in refrigerator. Suitable for use in microbiological media preparations such as Fluid Thioglycolate Medium where sterility testing for heavy metal-containing biological compounds requires deactivation via the sulfhydryl group. Mercaptoacetic acid sodium salt; Thioglycolic acid sodium salt

Product Code.	02526	Grade	For Bacteriology
Purity	80%	CAS No.	367-51-1
Molecular Formula	C2H3NaO2S	Molecular Weight	114.10
H.S.Code	2842.90900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	Odour	Stench odour
pH value	6.5 - 8 at 114 g/l at 25 °C	Melting point/ Freezing point [°C]	>300°C	Solubility in water [% weight]	114 g/l at 20 °C - completely soluble

Specification

Appearance	White to off white powder
Assay (iodometric)	Min 80.0%
pH (1 M in water at 20°C)	6.5 - 8.0
Solubility (200 mg/mL)	Colorless to faint pink or faint purple clear to slightly hazy solution

Safety Information and Hazard Symbols


Symbol: GHS07 Signal Word: Warning Hazardous Statement: H302-H315-H319 Precaution Statement: P305 + P351 + P338

YEAST EXTRACT PASTE FOR BACTERIOLOGY

Product Code.	02860	Grade	
Purity		CAS No.	8013-01-2
Molecular Formula		Molecular Weight	0.00
H.S.Code	2102.10100	Shelf Life	12 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	Brown paste	Odour	Characteristic odour
Solubility in water [% weight]	20% in water				

Packaging

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Specification

Appearance	Brown colored paste
Dry matter	Min 70%
Nitrogen content (as N)	About 7%
Total amino nitrogen	About 3%
Total protein	45 - 56%
NaCl	Max 11%
Suspended solid	Max 0.008%
pH	About 5.4

Safety Information and Hazard Symbols

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YEAST EXTRACT POWDER 60% FOR BACTERIOLOGY

Water soluble fraction of yeast autolysate, Standard material for culture media-rich in B-Vitamins and growth factors.

Product Code.	02861	Grade	For Bacteriology
Purity	60%	CAS No.	8013-01-2
Molecular Formula		Molecular Weight	0.00
H.S.Code	2102.10100	Shelf Life	24 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	Light brown powder	Odour	Characteristic odour
Solubility in water [% weight]	20% in water				

Packaging

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Specification

Appearance	Light brown colored powder
Assay (ex N; on dried basis)	Min 60.0%
Phosphorous (P)	Max 2.5%
Coagulable protein	Not detectable
Heavy metal (as Pb)	Max 0.005%
Loss on drying	Max 5%
Sulphated ash	Max 15%
Suitability (for microbiology)	Passes test
Heat resistant bacteria	Not detectable

Safety Information and Hazard Symbols

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