P09E

■ General Use Biochemicals

Introduction

Interchim provides high quality biochemicals for use in Biotech, Purification, Molecular Biology, and Cell Culture.
See technical quality grades.

■ Biochemicals catalogues (categorized by substances types)

Lists by types of biochemicals
Buffering agents(~technical datas: ~~PlBuf~~))()
Detergents()(PW)
Protease Inhibitors()()
Antibiotics/Bacteriostatics()()
Bioactive compounds()(PW): see online
Peptides, Proteins, Enzymes, Extract&Lysates,…
Glycosides, Lipides, Nucleotides, DNA/RNA materials,…

Lists by topics: application, technique,…
GreenAlternatives(),()():
Nocive or toxic organic solvants can be replaced by interesting substitutes..
Examples include limonène, (xylène->) histochoice, …

Immunodetection: Buffers(), Saturating agents(), Enzymatic substrates()
Biochemistry: Buffers for electrophoresis(), …
Cell Culture: Cell culture media components

■ Biochemicals alphabetical list

See also **on line search** in all Interchim supply.
For detailed technical information, see the technical sheet or the catalogues of biochemicals categorized by substance types.

AEBSF (protease inhibitor)	UP401070 100 mg	UP401071, 1g	UP401074, 10g	Tech sheet
Antibiotics : see the catalog of **Antibiotics/Bacteriostatics**()				
Azide sodidum, 1% solution	DY8950, 100ml			Tech sheet
Azide sodium, 10% solution	NJK63A			-
Azide, sodium salt	081125, 25g			
Azide, sodium salt	081125, 25g			-
Boric Acid (MW:61.83 pKa1 - 9.24, pKa2 - 12.74, pKa3 - 13.80, pH range: 8.5-10.2)		UP070440 1 kg		
Boric Acid (MW:61.83 pKa1 - 9.24, pKa2 - 12.74, pKa3 - 13.80, pH range: 8.5-10.2)		UP070440 1 kg		
Boric Acid Proteomics Grade	10853A 500 g	10853B 1 Kg		
Boric Acid Proteomics Grade	10853A 500 g	10853B 1 Kg		
Buffers : see the catalog of **Buffering agents**()				
Citric Acid (MW:192.1; pKa1 - 3.13 2.2-6.5, pKa2 - 4.76 3.0-6.2, pKa3 - 6.40 5.5-7.2)		UP168781 1 Kg		
Citric Acid (MW:192.1; pKa1 - 3.13 2.2-6.5, pKa2 - 4.76 3.0-6.2, pKa3 - 6.40 5.5-7.2)		UP168781 1 Kg		
Citric Acid ACS grade/ Biotech grade (MW:192.1)	673410 500 g			
Citric Acid ACS grade/ Biotech grade (MW:192.1)	673410 500 g			
Citric Acid, Ammonium Salt, Dibasic, UltraPure (MW:226.2)	N12630 500 g	N12631 1 Kg		
Citric Acid, Ammonium Salt, Dibasic, UltraPure (MW:226.2)	N12630 500 g	N12631 1 Kg		
Citric Acid, Trisodium Dihydrate (MW: 294.1, -)	218830 1 Kg	218831 2.5 Kg		
Citric Acid, Trisodium Dihydrate (MW: 294.1, -)	218830 1 Kg	218831 2.5 Kg		
Citric Acid, Trisodium Dihydrate Proteomics Grade	10853A 500 g	10853B 1 Kg		
Citric Acid, Trisodium Dihydrate Proteomics Grade	10853A 500 g	10853B 1 Kg		
Protease inhibitors : see the catalog of **Detergents**()(PW)				
DMF				
DMSO, ACS grade	36765A, 500ml			.
DTT (1,4-Dithiothreitol) Biotechnology Grade	UP284250 1 g	UP284255 5 g		
E64 (Cysteine Proteases Irrevers. Inhibitor)	789581			Tech sheet
Ethanol				
Glycine (MW:75.07, pKa1 - 2.35 2.2-3, pKa2 - 9.78 8.2-10.6)	UP018225 1 Kg			

Glycine (MW:75.07, pKa1 - 2.35 2.2-3, pKa2 - 9.78 8.2-10.6)	UP018225 1 Kg			
HEPES, free acid (MW:238.3 pKa:7.55 pH range: 6.8-8.2)	UP061940 250 g	06194P 1 Kg		
HEPES, free acid (MW:238.3 pKa:7.55 pH range: 6.8-8.2)	UP061940 250 g	06194P 1 Kg		
Imidazole (MW:68.08 pKa: 6.95, pH range 6.2-7.8)	020220 10 g	020228 50 g		
Imidazole (MW:68.08 pKa: 6.95, pH range 6.2-7.8)	020220 10 g	020228 50 g		
Imidazole Proteomics grade	BI9270 10 g	BI9271 50 g		
Imidazole Proteomics grade	BI9270 10 g	BI9271 50 g		
MOPS, UltraPure (MW: 209 pKa: 3 7.20 pH range: 6.5-7.9)	UP062000 100 g	UP062002 500 g		
MOPS, UltraPure (MW: 209 pKa: 3 7.20 pH range: 6.5-7.9)	UP062000 100 g	UP062002 500 g		
PBS (Phosphate Buffered Saline. Typicla composition is NaCl 100mM, HPO4, pH 7.4). See also Dulbecco's PBS				
PBS Concentrate 10X	N14012, 1L			Tech sheet
PBS Concentrate 20X	N1376A, 500ml			Tech sheet
PBS Sterile (0.2µm filtered, autoclaved)	N13522, 500ml			Tech sheet
PBS Ultrapure, powder packs	UP68723A 1pack (10 L)			Tech sheet
PBS Ultrapure, ready-to-use tabs	UP307157 100 tabs (100ml)			Tech sheet
PBS with Tween 20, pH 7.5	N13810 500 ml	N13811 1 L		
PBS, 10X Liquid Concentrate	N14010 4 L			
PBS, 20X Liquid Concentrate	N13760 500 ml	N13761 1 L		
PBS, Powder and 10X Ready-Pack	687236 10 L			
PBS, Sterile 1X Solution, pH 7.4	N13520 100 ml	N13521 500 ml		
Phosphate Buffered Saline (powder, solution, concentrate, sterile,…)		See 'PBS' , 'Dubelco PBS'		
Protease inhibitors : see the catalog of **Protease Inhibitors**[00]				
PROTEASE INHIBITOR COCKTAIL I (for Serine proteases)			WT8230	Tech sheet
PROTEASE INHIBITOR COCKTAIL I (General use)			WT0900	Tech sheet
PROTEASE INHIBITOR COCKTAIL I (General use)			WT0900	Tech sheet
PROTEASE INHIBITOR COCKTAIL I (General use), Animal-Free			WT0940	Tech sheet
PROTEASE INHIBITOR COCKTAIL II, for Bacteria			WT8260	Tech sheet
PROTEASE INHIBITOR COCKTAIL III (for Mammalian) Animal-free			WT0920	Tech sheet
PROTEASE INHIBITOR COCKTAIL III (for Mammalian) Animal-free, Solvent-free			WT0890	Tech sheet
PROTEASE INHIBITOR COCKTAIL III (for Mammalian)			WT0850	Tech sheet
PROTEASE INHIBITOR COCKTAIL IV (for Fungi & Yeast)			WT0930	Tech sheet
PROTEASE INHIBITOR COCKTAIL V (for Mammalian) EDTA-free			WT8280	Tech sheet
PROTEASE INHIBITOR COCKTAIL V (for Serine/Cysteine not Metallo Protease) EDTA-Free Animal-Free			WT0860	Tech sheet
PROTEASE INHIBITOR COCKTAIL VI (for Plant)			WT0870	Tech sheet
PROTEASE INHIBITOR COCKTAIL VI (General Use - Broad Range)			WT8220	Tech sheet
PROTEASE INHIBITOR COCKTAIL VII (for broad range cysteine proteases)			DZ0280	Tech sheet
PROTEASE INHIBITOR COCKTAIL VII (for His Tagged Proteins)			WT0880	Tech sheet
PROTEASE INHIBITOR COCKTAIL VII (for His-Tagged proteins) DMSO-free			WT0910	Tech sheet
SDS (Sodium Dodecyl Sulfate, Lauryl sulfate)				
SDS, powder		UP649100 500 g		
SDS, 20 % solution		UP896826 500 ml	UP896827 2x500 ml	
Sodium Dodecyl Sulfate: see SDS				
Succinic Acid Free Acid (MW: 118.09 pKa1 - 4.21 3.2-5.2, pKa2 - 5.64 5.5-6.5)		N12170 500 g,	N12171 2.5 Kg	
Succinic Acid Free Acid (MW: 118.09 pKa1 - 4.21 3.2-5.2, pKa2 - 5.64 5.5-6.5)		N12170 500 g,	N12171 2.5 Kg	
Sucrose	UP252031 1 kg			
Sucrose, Ultra Pure Grade	UP031904 1 kg			
TAE Powder	892580 1 u (40 L)			
TAE Ready-pack	665100 2 packs (50 L)			
TAE Solution 25X Concentrate	UP892574 1.6 L			
TBE disodium Ready-pack	473840 2 packs (20 L)			
TBE Powder	892533 1 u (40 L)			
TBE Ready-pack	892535 2 packs (20 L)			
TBE Solution 10X Concentrate	UP86510A 5 L	UP86510C 4 x 5 L		
TBE Solution 5X Concentrate	N14790 1 L	N14791 4 L		
Tris (base)	UP031658 500 g	UP031657 1Kg	UP031657 5Kg	Tech sheet
Tris HCI	UP09154D 500 g	UP09154E 1 kg	UP09154F 5x1 kg	Tech sheet
Tris buffers: see also TAE, TBE, TG, TTE,…				
Tris buffer 0.1M solution pH 7.4 nuclease free biotechnology grade	587550 500 ml	587551 100 ml		
Tris buffer 0.5M solution pH 6.8 biotechnology grade	725200 500 ml			
Tris buffer 0.5M solution pH 6.8 proteomics grade	725201 500 ml			
Tris buffer 1.0M solution pH 10 sterile ultra pure grade	N13740 250 ml	N13740 250 ml		

Tris buffer 1.0M solution pH 7.5 sterile ultra pure grade	N13710 100 ml	
Tris buffer 1.0M solution pH 8 sterile biotechnology grade	586780 100 ml	586781 500 ml
Tris buffer 1.0M solution pH 9 sterile ultra pure grade	N13720 250 ml	
Tris buffer 2.0M solution pH 7.5	N14620 1 L	
Tris buffer 2.0M solution pH 7.8	N14610 500 ml	
Tris Buffered Saline (TBS), 20X Liquid Concentrate	N14580 4 L	
Tris Buffered Saline (TBS), 20X Ready-Pack™	740040 2 packs	
TTE Ready-pack	R59982 1 Pack (10 L)	
TTE Solution 10X concentrate	R59980 1 L	R59981 5 L
Urea, 8 M Solution	N13830 250 ml	
Urea, 8M solution, proteomics grade	N13831 250 ml	
Urea, Molecular Biology Grade	UP031903, 500g	UP031904, 1Kg UP031909, 5Kg
Water Nuclease free, Sterile, RNase-Free Solution	457420 500 ml	.
Xylene	see **GreenAlternatives**[0]/ i.e. Histochoice Clearing agent	

Annexes

Definition of biochemicals quality grades

ACS : **ACS Grade**:
Materials conforming with the specifications and procedures outlined in American Chemical Society specifications

ANG : **Analytical Grade**.
Designates reagents suitable for use in analytical procedures.

BTG : **Biotechnology Grade**. Materials equivalent to Ultra Pure, but particularly suitable for use in Molecular biology applications. Tested for specific contaminants such as nucleases and bacteria where appropriate.

CERT **Certified/certifiable**: Materials, typically dyes and stains, that meet the requirements of the biological stain commission. Certified reagents have been tested and validated by biological stain commission.

FPG: **FluoPure grade**:
High quality reagents for enhanced results of critical applications in fluorescent or luminescent techniques

HPG : **High Purity grade**.
Materials of superior quality where there are no publishing standard

PRG : **Proteomics Grade**.
Materials conforming to the requirements of protein research which are tested to be nuclease, DNase and/or Protease free where applicable. Appropriate for use in Proteomics research applications.

RGG : **Reagent Grade**.
High Purity materials which suits most standard labs applications.

UPG : **Ultra Pure grade**.
Material with a purity level exceeding the various monograph grades

USP : **USP Grade**:
Materials conforming with the specifications and procedures outlined in the United States Pharmacopeia (standards for food ingredients and dietary supplements)

Related products lines

Interbiotec - BioSciences innovation – proposes a complete range of products for protein biochemistry.

- General use Biochemicals (buffers, salts, detergents, antibiotics, protease inhibitors,…) (PH
- Desalting tools – CelluSep tubings, SpectraPor tubings, GebaFlex, FloatALyser, SlideALyser,...

Products HighLights Overview

Information inquire

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Name: _____ 2nd name:_____ Position:_____

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