

# Biological Buffers

## PR1MA™

MidSci

Chemicals are packed at ISO/GMP Facility



### Bicine Ultra Pure

CAS 150-25-4 |  $C_6H_{13}NO_4$  | MW 163.2  
Purity: >99%

No.	Size
KCB74060-100	100 g
KCB74060-500	500 g

### bis-TRIS

[bis-[Tris(hydroxymethyl)aminomethane]]

CAS 6976-37-0 |  $C_8H_{19}NO_5$  | MW 209.2  
Purity: >99%

No.	Size
KCB75000-100	100 g
KCB75000-500	500 g
KCB75000-1000	1 kg

### Boric Acid

CAS 10043-35-3 |  $H_3BO_3$  | MW 61.83  
Purity: >99.5%

No.	Size
KCB32050-500	500 g
KCB32050-1000	1 kg
KCB32050-2500	2.5 kg

### Calcium Chloride anhydrous

CAS 10043-52-4 |  $CaCl_2$  | MW 110.98  
Purity: >96%

No.	Size
KCC20010-1000	1 kg
KCC20010-5000	5 kg
KCC20010-10000	10 kg

### CHAPS

[3-[(3-Cholamidopropyl)-dimethylammonio]-1-propanesulfonate]

CAS 75621-03-3 |  $C_{32}H_{58}N_2SO_7$  | MW 614.9  
Purity: >98%

No.	Size
KCC41010-1	1 g
KCC41010-5	5 g
KCC41010-10	10 g
KCC41010-25	25 g

### Citric Acid anhydrous

CAS 77-92-9 |  $C_6H_8O_7$  | MW 192.1  
Purity: >99.5%

No.	Size
KCC34500-500	500 g
KCC34500-1000	1 kg
KCC34500-5000	5 kg

### Glycine Free Base

CAS 56-40-6 |  $C_2H_5NO_2$  | MW 75.1  
Purity: >98.5-101.5%

No.	Size
KCG36050-500	500 g
KCG36050-1000	1 kg
KCG36050-5000	5 kg

### HEPES Free Acid

[N-(2-Hydroxyethyl) piperazine-N'-(2-ethanesulfonic acid)]

CAS 7365-45-9 |  $C_8H_{18}N_2O_4S$  | MW 238.3  
Purity: >99.5%

No.	Size
KCH75030-250	250 g
KCH75030-500	500 g
KCH75030-1000	1 kg

### HEPES sodium salt

[N-(2-Hydroxyethyl) piperazine-N'-(2-ethanesulfonic acid)] sodium

CAS 75277-39-3 |  $C_8H_{17}N_2O_4SNa$  | MW 260.3  
Purity: >98.0%

No.	Size
KCH75050-100	100 g
KCH75050-500	500 g
KCH75050-1000	1 kg
KCH75050-5000	5 kg

### HEPPS

[N-(2-Hydroxyethyl)piperazine-N'-(3-propanesulfonic acid)]

CAS 16052-06-5 |  $C_9H_{20}N_2O_4S$  | MW 252.3  
Purity: >99%

No.	Size
KCH75060-25	25 g
KCH75060-100	100 g
KCH75060-1000	1 kg

### Imidazole

[Glyoxaline] [1,3-Diaza-2,4-cyclopentadiene]

CAS 288-32-4 |  $C_3H_4N_2$  | MW 68.1  
Purity: >99%

No.	Size
KCI52000-10	10 g
KCI52000-100	100 g
KCI52000-500	500 g
KCI52000-1000	1 kg

### MES monohydrate

[2-(N-Morpholino) ethanesulfonic acid]

CAS 145224-94-8 |  $C_6H_{13}NO_4S \cdot H_2O$  | MW 213.24  
Purity: >99%

No.	Size
KCM22040-100	100 g
KCM22040-250	250 g
KCM22040-1000	1 kg

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## MOPS

[3-(N-Morpholino)-propane sulfonic acid]

CAS 1132-61-2 |  $C_7H_{15}NO_4S$  | MW 209.3  
Purity: >99%

No.	Size
KCM92020-100	100 g
KCM92020-250	250 g
KCM92020-500	500 g
KCM92020-1000	1 kg

## PBS 100ml Tablets

[Phosphate Buffered Saline Tablets]

No.	Size
KCP32080-100T	100 tablets

## Potassium Acetate

CAS 127-08-2 |  $C_2H_3O_2K$  | MW 98.14  
Purity: >99%

No.	Size
KCP42000-500	500 g
KCP42000-2500	2.5 kg
KCP42000-5000	5 kg

## Potassium Phosphate dibasic ACS

CAS 7758-11-4 |  $K_2HPO_4$  | MW 174.2  
Purity: >98%

No.	Size
KCP41425-500	500 g
KCP41425-3000	3 kg

## Sodium Carbonate anhydrous ACS

CAS 497-19-8 |  $Na_2CO_3$  | MW 105.99  
Purity: >99.5%

No.	Size
KCS25025-500	500 g
KCS25025-1000	1 kg
KCS25025-3000	3 kg

## Sodium Phosphate dibasic, anhydrous ACS

CAS 7558-79-4 |  $Na_2HPO_4$  | MW 142.0  
Purity: >99%

No.	Size
KCS23145-500	500g
KCS23145-1000	1 kg
KCS23145-5000	5 kg

## TRIS Ultra Pure

[TRIS (hydroxymethyl) aminomethane]

CAS 77-86-1 |  $C_4H_{11}NO_3$  | MW 121.1  
Purity: >99.9%

No.	Size
KCT60040-500	500 g
KCT60040-1000	1 kg
KCT60040-5000	5 kg

## PBS, 1X Sterile Solution

[Phosphate Buffered Saline 1X Solution]

CAS 7647-14-5, 7447-40-7, 7558-79-4,  
7778-77-0

No.	Size
KCP10400-500	500 ml
KCP10400-1000	1 L

## PBS, 10X Powder

CAS 7778-77-0, 7447-40-7, 7558-79-4,  
7647-14-5

No.	Size
KCP32200-1000	1 L
KCP32200-10000	10 L

## Potassium Chloride

CAS 7447-40-7 | KCl | MW 74.6  
Purity: >99%

No.	Size
KCP41000-1000	1 kg
KCP41000-2500	2.5 kg
KCP41000-5000	5 kg

## Potassium Phosphate monobasic ACS

CAS 7778-77-0 |  $KH_2PO_4$  | MW 136.1  
Purity: >98%

No.	Size
KCP41225-500	500 g
KCP41225-3000	3 kg

## Sodium Citrate

trisodium salt, dihydrate, [Citric Acid]

CAS 6132-04-3 |  $C_6H_5Na_3O_7 \cdot 2H_2O$  | MW 294.1  
Purity: >99%

No.	Size
KCS23040-500	500 g
KCS23040-1000	1 kg
KCS23040-5000	5 kg

## TAE, 10X Solution

[TRIS Acetate EDTA 10X Solution]

CAS 7732-18-5, 77-86-1, 64-19-7, 6381-92-6

No.	Size
KCT60010-1000	1 L
KCT60010-4000	4 L

## TRIS HCL

[TRIS (hydroxymethyl) aminomethane] HCl

CAS 1185-53-1 |  $C_4H_{11}NO_3 \cdot HCl$  | MW 157.6  
Purity: >99%

No.	Size
KCT60050-500	500 g
KCT60050-1000	1 kg
KCT60050-5000	5 kg

## PBS, 10X Solution

[Phosphate Buffered Saline 10X Solution]

CAS 7647-14-5, 7447-40-7, 7558-79-4,  
7778-77-0

No.	Size
KCP32060-500	500 ml
KCP32060-1000	1 L
KCP32060-4000	4 L

## PBS/Tween® 20, 10X Solution

CAS 7558-79-4, 7778-77-0, 7647-14-5,  
7447-40-7, 9005-64-5

No.	Size
KCP21200-500	500 ml

## Potassium Phosphate Dibasic

CAS 7758-11-4 |  $K_2HPO_4$  | MW 174.2  
Purity: >98%

No.	Size
KCP41300-500	500 g
KCP41300-1000	1 kg
KCP41300-3000	3 kg
KCP41300-5000	5 kg

## Sodium Acetate anhydrous

CAS 127-09-3 |  $C_2H_3O_2Na$  | MW 82.0  
Purity: >99%

No.	Size
KCS22040-500	500 g
KCS22040-1000	1 kg
KCS22040-5000	5 kg

## Sodium Phosphate dibasic, anhydrous

CAS 7558-79-4 |  $Na_2HPO_4$  | MW 142.0  
Purity: >99%

No.	Size
KCS23100-500	500g
KCS23100-1000	1 kg
KCS23100-5000	5 kg

## Tricine Ultra Pure

[N-[Tris (Hydroxymethyl) Methyl] Glycine]

CAS 5704-04-1 |  $C_6H_{13}NO_5$  | MW 179.17  
Purity: >99%

No.	Size
KCT24000-100	100 g
KCT24000-500	500 g
KCT24000-1000	1 kg

## Water Molecular Biology Grade

CAS 7732-18-5 |  $H_2O$  | MW 18.0  
RNase and DNase Free

No.	Size
KC248700	1 L
KC248700	1 Gal
KC248795	5 L Cube®
KC248796	10 L Cube®

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