



Buffers - Product references

Product	CAS N°	Technical information	Application	USP	DSP	FF	Packaging size available
MOPS sodium	71119-22-7	Useful pH range: 6.5 – 7.9	USP&FF: Cryopreservation media Cell culture media	✓		✓	10 kg drum / small quantities (100g to 1kg)
BES	10191-18-1	Useful pH range: 6.4 – 7.8	USP & DSP: binding buffer and eluent in cation exchange chromatography and buffer in gel filtration chromatography	✓	✓		valid for small packages (100g to 1kg)/5 kg drum
BES Sodium	66992-27-6	Useful pH range: 6.4 – 7.8	USP: use in calcium phosphate mediated transfection of eukaryotic cells with plasmid DNA.	✓			50 kg drum
ACES	7365-82-4	Useful pH range: 6.1 – 7.5	USP & DSP : buffers for agarose and polyacrylamide gel electrophoresis / separator in the resolution of protein systems / isoelectric focusing (IEF) of proteins and analysis of bacterial autolysins in a discontinuous SDS-PAGE system.	✓	✓		25 kg drum
Bicine	150-25-4	Useful pH range: 7.6 – 9.0	USP & DSP: protein crystallization / chromatography and polymerase chain reaction / extraction of enzymes from various plant species	✓	✓		10 kg drum / small quantities (100g to 1kg)
BIS-TRIS	6976-37-0	Useful pH range: 5.8 – 7.2	USP & DSP : Cell culture media Chromatography Electrophoresis Protein purification	✓	✓		25 kg drum/ small quantities (100g to 1kg)
CAPS	1135-40-6	Useful pH range: 9.7 - 11.1	USP & DSP : Cell culture media Chromatography Electrophoresis	✓	✓		15 kg drum / small quantities (100g to 1kg)
CAPSO	73463-39-5	Useful pH range: 8.9 – 10.3	USP: Cell culture media	✓			10 kg drum
CHES	103-47-9	Useful pH range: 8.6 – 10.0	USP & DSP: Cell culture media Electrophoresis	✓	✓		10 kg drum / small quantities (100g to 1kg)
DIPSO	68399-80-4	Useful pH range: 7.0 – 8.2	DSP: Chromatography Electrophoresis	✓	✓		25 kg drum/ small quantities (100g to 1kg)
Glycylglycine	556-50-3	Useful pH range: 7.5 – 8.9	USP & DSP : Cell culture media Chromatography Electrophoresis	✓	✓		10 kg drum / small quantities (100g to 1kg)
HEPES	7365-45-9	Useful pH range: 6.8 – 8.2	USP & DSP & FF: Cryopreservation media Cell culture media Chromatography Electrophoresis	✓	✓	✓	15 kg drum / small quantities (100g to 1kg)
HEPES Sodium	75277-39-3	Useful pH range: 6.8 – 8.2	USP: cell culture media	✓			50 kg drum / small quantities (100g to 1kg)
HEPPS	16052-06-5	Useful pH range: 7.3 – 8.7	USP: cell culture media	✓			10 kg drum / small quantities (100g to 1kg)
MES	4432-31-9	Useful pH range: 5.5 – 6.7	USP & DSP: Cell culture media Chromatography Electrophoresis	✓	✓		10 kg drum / small quantities (100g to 1kg)
MES Monohydrate	145224-94-8	Useful pH range: 5.5 – 6.7	USP: cell culture media	✓			10 kg drum / small quantities (100g to 1kg)
MES Sodium	71119-23-8	Useful pH range: 5.5 – 6.7	USP: cell culture media	✓			25 kg drum/ small quantities (100g to 1kg)
MOPSO	68399-77-9	Useful pH range: 6.2 – 7.6	USP& DSP: Cell culture media Electrophoresis	✓	✓		25 kg drum/ small quantities (100g to 1kg)
PIPES	5625-37-6	Useful pH range: 6.1 – 7.5	USP& DSP: Cell culture media Chromatography Protein purification	✓	✓		40 kg drum/ small quantities (100g to 1kg)
PIPES Disodium	76836-02-7	Useful pH range: 6.1 – 7.5	USP: cell culture media	✓			25kg drum
PIPPS	5625-56-9	Useful pH range: 6.8 – 9.2	USP: cell culture media	✓			1kg bottle
TAPS	29915-38-6	Useful pH range: 7.7 – 9.1	USP & DSP: cell culture media chromatography	✓	✓		10 kg drum / small quantities (100g to 1kg)
TAPS Sodium	91000-53-2	Useful pH range: 7.7 – 9.1	USP: cell culture media	✓			1kg drum
TAPSO	68399-81-5	Useful pH range: 7.0 – 8.2	USP: cell culture media	✓			5kg drum
TES	7365-44-8	Useful pH range: 6.8 – 8.2	USP & DSP: Cell culture media Chromatography Protein separation	✓	✓		5 kg drum/ small quantities (100g to 1kg)
TES Sodium	70331-82-7	Useful pH range: 6.8 – 8.2	USP: cell culture media	✓			5kg drum
Tricine	5704 - 04 -- 1	Useful pH range: 7.4 – 8.8	USP: Cell culture media Electrophoresis	✓			25 kg drum/ small quantities (100g to 1kg)
TRIS	77-86-1	Useful pH range: 7.2 – 9.0	USP&DSP: Cryopreservation media Chromatography Electrophoresis	✓	✓		25 kg drum/ small quantities (100g to 1kg)
TRIS Hydrochloride	1185-53-1	Useful pH range: 7.2 – 9.0	USP: cell culture media	✓			25 kg drum/ small quantities (100g to 1kg)
HEPPSO	68399-78-0	Useful pH range: 7.1 – 8.5	USP: cell culture media	✓			100g and 1kg / other weights possible
PIPES Sodium	10010-67-0	Useful pH range: 6.1-7.5	USP: cell culture media	✓			25kg drum
TAPSO Sodium	105140-25-8	pH Range: 7.0-8.2	USP: cell culture media ; DSP: protein stabilization chromatography ; FF: formulation stability and osmolarity adjustment	✓	✓	✓	1kg
POPSO sesquisodium	108321-08-0		diagnostic tests				1 kg drum/ small quantities (100g to 1kg)
POPSO hydrate	68189-43-5	Useful pH Range: 7.2 - 8.5	diagnostic tests				1 kg drum/ small quantities (100g to 1kg)
MOPSO sodium	79803-73-9	Useful pH Range: 6.2 - 7.6	USP: cell culture media	✓			1kg
DIPSO Sodium	102783-62-0	Useful pH Range: 7.0 - 8.2	diagnostic tests				1kg
AMPPO Sodium	102029-60-7	Useful pH Range: 8.3-9.7	USP& DSP: Protein purification Protein separation Protein solubilization	✓	✓		1kg
AMPPO	68399-79-1	Useful pH Range: 8.3-9.7	USP& DSP: Protein purification Protein separation Protein solubilization	✓	✓		1kg
PIPBS	16045-14-0		USP: cell culture media	✓			1kg
TABS	54960-65-5	Useful pH Range: 8.2 - 9.6	USP&DSP: cell culture media chromatography	✓	✓		1kg
HEPBS	161308-36-7	Useful pH Range: 7.6 - 9.0	USP: cell culture media	✓			1kg bottle / small quantities (100g to 1kg)
CABS	161308-34-5	Useful pH Range: 10.0 - 11.4	USP & DSP : Cell culture media Chromatography Electrophoresis	✓	✓		1 kg drum/ small quantities (100g to 1kg)
MOBS	115724-21-5	Useful pH Range: 6.9-8.3	USP & DSP: Cryopreservation media Cell culture media Chromatography Electrophoresis Protein purification	✓	✓		100g
Gly gly HCL	23273-91-8	Useful pH range : 2.2 - 3.6	DSP: Chromatography Electrophoresis		✓		1 kg drum/ small quantities (100g to 1kg)
PIPES 1,5 sodium	100037-69-2		diagnostic tests				25kg drum
MES hydrate	1266615-59-1		USP: Cell culture media Electrophoresis	✓			10 kg drum / small quantities (100g to 1kg)
CAPSO Sodium	102601-34-3	Useful pH range:8.9- 10.3	USP & DSP: Cell culture media Chromatography Electrophoresis	✓	✓		
BIS TRIS HCL	124763-51-5	Useful pH range: 5.8 – 7.2	USP: protein purification	✓			10 kg drum / small quantities (100g to 1kg)

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