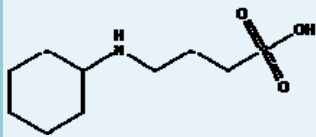


CAPS (Free Acid)

----- Biological Buffers

Product Name:	CAPS
Cat No:	ZB025
CAS#:	[1135-40-6]
Category:	Biological Buffers
Molecular Formula:	C ₉ H ₁₉ NO ₃ S
Formula Weight:	221.3
Structure:	
Purity:	>99%
Form:	White crystalline powder
Description:	PH: 9.7 - 11.1 Na.....<50PPM Pb.....<5PPM A260,0.5M water....<0.2 A280,0.5M water....<0.2
Synonyms:	3-(Cyclohexylamino)-1-propanesulfonic acid; CAPS; N-Cyclohexyl-3-aminopropanesulfonic acid;
Size:	8659201000100:100g; 8659202000500:500g; 8659203001000:1kg; 8659204025000:25kgs; Bulk;
Price:	EUR240.00/500g

Description

Although CAPS was not one of the original "Good" buffers, it has an analogous structure. Its optimum pH for buffering is pH 10.4, which makes it inappropriate for many physiological buffer

ShineGene Molecular Biotech, Inc.

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applications. However, it was developed for the same reasons as the other propanesulfonic acids: high solubility in water, minimal reactivity with enzymes or proteins, minimal salt effects. Buffer Used for the Transfer of Protein from SDS-PAGE Gels to Membranes for Protein Sequencing or Western Blotting.

Solubility:

CAPS is very soluble in water.

Storage

RT

Powder: Ambient (15-30C); protected from light

Shipped at RT



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