

Catalog
TBS8122-50

Unit Size
50ml

Description

Tribioscience 5% CHAPS (3-[(3-Cholamidopropyl)dimethylammonio]-1-propanesulfonate) Solution is a zwitterionic detergent used for solubilizing proteins and membrane components while maintaining protein functionality. It is non-denaturing, making it suitable for sensitive biochemical applications.

Synonyms

5% CHAPS solution, 5% (w/v) CHAPS, CHAPS detergent solution (5%), CHAPS buffer (5%), 3-[(3-Cholamidopropyl)dimethylammonio]-1-propanesulfonate.

Application

- Solubilization of membrane proteins.
- Protein extraction and purification.
- Enzyme assays require gentle detergents.
- Preparation of samples for electrophoresis and chromatography.

Properties

Form:	Liquid
Sterility:	Sterile filtered
Storage:	Store at 2–8°C

Main Features

- Zwitterionic detergent: gentle on proteins.
- Non-denaturing: preserves protein activity and structure.
- Highly soluble in water.
- Compatible with most biochemical assays.
- Reduces protein aggregation.

Relative Products

TBS2005	Protein Assay Kit
TBS5001	Protein Lysis Buffer
TBS5003-0	1xPBS
TBS5011-10	10 x PBST
TBS5008	TBS
TBS5008T	TBST
TBS5037	Urea Solution (8M)
TBS5038	Ammonium Sulfate Solution
TBS5040	0.5M EDTA Solution
TBS5041	MOPS Buffer
TBS5048	2% BSA in PBS
TBS5049-2	2% BSA in TBST
TBS5049-5	5% BSA in TBST
TBS5057	0.1% BSA ELISA Assay Buffer
TBS5077	Antigen retrieval Citrate Solution-pH6.0
TBS8024	MCF10 Cell Complete Medium
TBS8027	EMEM with L-Glutamine
TBS8030	McCoy's 5A Medium
TBS8031	30% BSA Solution in DPBS
TBS8047	MCF-7 Cell Complete Medium
TBS8056	LB Medium
TBS8057	SOB Medium
TBS8058	SOC Medium
TBS8059	2x YT Medium
TBS8060	Terrific Broth (TB) Medium
TBS8061	DMEM-high Glucose Medium

This product is for research use only.