

3316– CHAPS BUFFER

REF NO: TBL/QA/SS/LC/3316	STANDARD SPECIFICATION FOR CHAPS BUFFER	Rev. No: 03
Issue No: 04		Review Date: 07/11/2024
Issue Date: 08/11/2021		Product code: 3316

PRODUCT PROPERTIES

C.A.S Number	75621-03-3
Chemical Formula	C ₃₂ H ₅₈ N ₂ O ₇ S
Formula weight	614.9
Functional Uses	0.2 w/v of CHAPS has been used to remove cerebral endothelium by brain perfusion. 2% (w/v) CHAPS has been used as rehydration buffer along with Thiourea and Urea in protein extraction. 10 mM CHAPS has been used along with 0.15 M NaCl, Tris–Cl, pH 7.6, EDTA as lysis buffer in Western Blot analysis. CHAPS has been used as hybridization buffer in in-situ hybridization method of immature mammalian CNS.
Standard Packaging	1 gm & 5gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Sulphated Ash	NMT – 0.05%
Chloride (Cl)	NMT – 0.005%
Sulphate (SO ₄)	NMT – 0.005%
Iron (Fe)	NMT – 0.0005%
Heavy Metals (Pb)	NMT – 0.0005%
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

