


Description:

CHAPS is a non-denaturing, zwitterionic sulfobetainedetergent for solubilizing membrane proteins andbreaking protein-protein interactions. (Molecular Biology Grade)

Synonym	3-[(3-Cholamidopropyl)-Dimethylammonio]-1-Propanesulfonate
State of matter	Solid
Aggregation no. (N _a)	9 - 10
CMC (25°C)	4.2 - 6.3 mM
Classification: zwitterionic detergent	
Melting point	116°C
Formula	C ₃₂ H ₅₈ N ₂ O ₇ S
M	614.89 g/mol
CAS-No.:	75621-03-3
EC-No.:	616-246-2
Storage:	2-8°C
LGK:	10 - 13
Hazard pictogram(s)	
Hazard statement(s)	H315-H319-H335
Precautionary statement(s)	P261-P280-P305+P351+P338
Signal word	Warning
WGK:	1

Specification

Assay (from N)	min. 99 %
Conductivity (0.1 M)	max. 10.0 µS/cm
Pb	max. 0.005 %
Water (K.F.)	max. 4 %
N	approx. 4.5 %
Na	max. 0.005 %
A (1 cm/1 % in H ₂ O)	
290 nm	max. 0.5
400 nm	max. 0.02

Order Information

Prod. No.	Description	Quantity
CE9114	CHAPS	1 g
CE9115	CHAPS	5 g
CE9116	CHAPS	25 g