

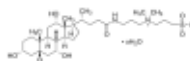
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Product Specification

Product Name:
CHAPS hydrate – BioReagent, suitable for electrophoresis, ≥98% (HPLC)

Product Number: **C9426**
CAS Number: 331717-45-4
MDL: MFCD00012116
Formula: C₃₂H₅₈N₂O₇S · xH₂O
Formula Weight: 614.88 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
50 mg/mL, H ₂ O	
Infrared spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 8 %
µmhos/cm Conductivity	≤ 50
5% aqueous solution	
Carbon (Dry Basis)	60.5 - 64.4 %
Nitrogen (Dry Basis)	4.0 - 5.1 %
Purity (HPLC)	≥ 98 %
Suitability	Suitable
Suitable for use as a solubilizing agent in isoelectric focusing applications.	
Solvent Content (by GC)	< 0.04 %
Dimethylformamide	
Solvent Content (by GC)	≤ 1.0 %
EtOH	

Specification: PRD.5.ZQ5.10000043521

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

