

Specification

Sodium Cholate *BioChemica*

A0979

Physical Description:	Solid
Product Code:	A0979
Product Name:	Sodium Cholate <i>BioChemica</i>
Specifications:	Assay (HPLC): min. 99 % α 20°C/D; 0.6 %, EtOH: +35° - +37° pH (0.1 M; H ₂ O; 20°C): 7.0 - 9.0 Water (K.F.): max. 5 %
WGK:	1
Storage:	RT
Molecular Formula:	C ₂₄ H ₃₉ NaO ₅
M:	430.57 g/mol
CAS:	361-09-1
EINECS:	206-643-5
CS:	29181930
Comment	Sodium cholate should not be used when working with enzymes, which need bivalent cations for their activity or for ion-pairing exchange chromatography and electrophoresis. It does not interfere with protein assays and can easily be dialysed. Some restrictions occur when performing purifications of G-Proteins β_s subunits (3).
Bibliography	(1)Helenius, A. <i>et al.</i> (1979) <i>Methods Enzymol.</i> 56 , 734-749Properties of detergents. (2)Hjelmeland, L.M. & Chrambach, A. (1984) <i>Methods Enzymol.</i> 104 , 305-318Solubilization of functional membrane proteins. (3)Jones. M.B. & Garrison. J.C. (1999) <i>Anal. Biochem.</i> 268 . 126-133Instability of the G-Protein β_s subunit in sodium cholate and CHAPS.

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