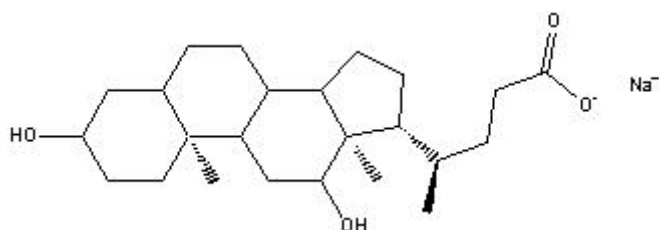


TECHNICAL INFORMATION

Catalog Number: 102906

Deoxycholate acid sodium salt monohydrate**Structure:****Molecular Formula:** C₂₄H₃₉O₄Na · H₂O**Molecular Weight:** 432.59**CAS # :** 302-95-4**Synonym:** 7-deoxycholic acid, sodium salt**Physical Appearance:** White powder**Description:** An anionic biological detergent.**Critical Micelle Concentration (CMC):** 5 mM (Detergents with high CMC values are generally easy to remove by dilution; detergents with low CMC values are advantageous for separations on the basis of molecular weight. As a general rule, detergents should be used at their CMC and at a detergent-to-protein weight ratio of approximately ten.^{1,2})**Aggregation Number:** 4-10**Assay:** 98.0%**Solubility:** Soluble in 2% autoclaved solution (clear), and aqueous solutions (50 mg/ml-colorless to light yellow solution)**References:**

- Womack, M.D., et al., *Biochim. Biophys. Acta*, v. **733**, 210 (1983)
- Matson, R.S. and Goheen, S.C., *LC-GC*, v. **4(7)**, 624 (1986)