



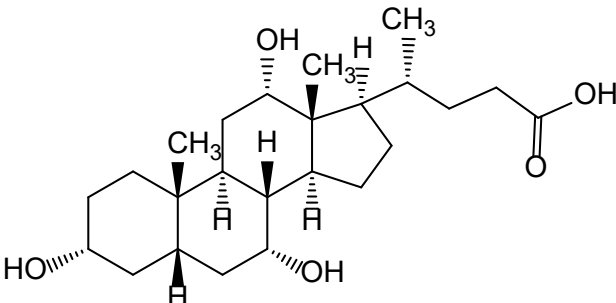
Certificate

CHOLIC ACID

(3,7,12-Trihydroxycholan-21-oic acid)

USP Catalog No.: 1133503

USP Lot No.: R164S0

 <chem>CC(C)[C@H](O)CC[C@H](C)[C@H](O)[C@@H](C)[C@H](O)CC</chem>	CAS Number:	81-25-4
	Molecular Formula:	C ₂₄ H ₄₀ O ₅
	Molecular Weight:	408.58

**LABEL TEXT**

For use with specified USP compendial tests. Not for use as a drug. See SDS prior to use at www.usp.org/sds.



Lot: R164S0

**REFERENCE STANDARD****CHOLIC ACID 200 mg**

Warning! Causes skin irritation. Causes serious eye irritation.

For quantitative spectrophotometric applications, use a value of 0.994 mg of cholic acid per mg of material on the as is basis. Keep container tightly closed. Protect from light.

See certificate for any additional information.
USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666
Cat. No. 1133503 Material mfd. in United States

Wash thoroughly after handling. Wear eye protection/face protection. Wear protective gloves. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Danielle A. Vattimo

Quality Assurance

Certificate Version History

Version Number	Date	Reasons for Change
00	07-APR-2022	First issue

**Assigned Value**

Please refer to the USP Reference Standard label and/or USP Certificate for the assigned value of the specific lot. If an assigned value is not included on the label or Certificate, the lot was developed for qualitative USP compendial use and an assigned value will not be provided.

Valid Use Date

It is the responsibility of the user to ascertain that a particular lot of a USP Reference Standard has official status either as a "Current Lot" or as a "Previous Lot" within the assigned valid use date. The online USP Reference Standards Catalog and the online USP Store at www.usp.org are updated daily. USP recommends referring to one of these sources prior to using a USP RS to make sure the lot is valid for use.

Storage

Storage conditions are lot-specific and may change from one lot to another. The storage condition for an unopened USP Reference Standard is provided on the container label only, not on the Safety Data Sheet. If no specific directions or limitations are on the label, conditions of storage include storage at room temperature and protection from moisture, light, freezing, and excessive heat. See General Chapter <659> in the USP-NF Online for storage and handling definitions.

Instructions for Use

Follow the instructions provided on this Certificate, on the label of the USP Reference Standard, and in the associated USP documentary standard(s). Please refer to General Chapter <11> for additional information.

Non-USP Compendial Use

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