

# Certificate

## BILE SALTS

USP Catalog No.: 1071304

USP Lot No.: R052M0

### **Main components of Bile Salts from Bovine origin.**

- (1) Taurocholate**
- (2) Glycocholate**
- (3) Taurochenodeoxycholate**
- (4) Taurodeoxycholate**
- (5) Cholate**
- (6) Glycochenodeoxycholate**
- (7) Glycodeoxycholate**

| Item | Name/Chemical name            | CAS         | Molecular Formula               | Content %TDA |
|------|-------------------------------|-------------|---------------------------------|--------------|
| 1    | Sodium Taurocholate           | 345909-26-4 | $C_{26}H_{44}NO_7S \cdot Na$    | 41.33        |
| 2    | Sodium Glycocholate           | 338950-81-5 | $C_{26}H_{42}NO_6Na$            | 29.08        |
| 3    | Sodium Taurochenodeoxycholate | 6009-98-9   | $C_{26}H_{44}NNaO_6S$           | 2.47         |
| 4    | Sodium Taurodeoxycholate      | 207737-97-1 | $C_{26}H_{44}NO_6SNa$           | 9.08         |
| 5    | Sodium Cholate                | 206986-87-0 | $C_{24}H_{39}NaO_5 \cdot xH_2O$ | 0.28         |
| 6    | Sodium Glycochenodeoxycholate | 16564-43-5  | $C_{26}H_{42}NNaO_5$            | 1.87         |
| 7    | Sodium Glycodeoxycholate      | 16409-34-0  | $C_{26}H_{42}NNaO_5$            | 6.69         |

**LABEL TEXT**

**USP REFERENCE STANDARD**

**BILE SALTS 10 g**

Dry a portion at 105° for four hours before  
using. Keep container tightly closed.

For use with specified USP compendial tests.  
Not for use as a drug. See SDS prior to use at  
[www.usp.org/sds](http://www.usp.org/sds).

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666  
Cat. No. 1071304 Material mfd. in United States

LOT: R052M0



*Jeri L. Ioth*

*Quality Assurance*

**Calculation Value**

If a value is not provided on the label or accompanying documentation and the Reference Standard has a quantitative USP compendial application, a value of 100.0% is used. The purity value is not applicable for qualitative uses. Please refer to the specific Reference Standard label for further information.

**Expiration**

Current lots are identified in the current USP Catalog. In some cases, the previous lot may still be considered valid for use. If so, it is identified in the column marked "Previous Lot/Valid Use Date."

It is the responsibility of each user to determine that this lot is current or valid when used. For the most up-to-date information, please refer to the USP Store at [www.usp.org](http://www.usp.org).

**Instructions for Use**

Follow the instructions on the label of the USP Reference Standard and in the appropriate USP documentary standard(s).

**Non-Monograph Use**

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