

Certificate of Analysis

Date of Testing: 2023-07-13 10:37:39

Date of Next Testing: 2027-07-12 10:37:39

Product Name: **Taurocholic acid sodium salt hydrate**

CAS Number: 345909-26-4

Specifications & Purity: 95%

Lot #: G2303463

SKU #: **B301208**

Analysis: **251385**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-8 (%)	6.05 %
Purity(HPLC)	95-100 (%)	96.40300 %
Specific rotation $[\alpha]_{20/D}(C=3 \text{ in water})(\text{dry matter})$	22-25 (°)	22.48 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager