

Certificate of Analysis

Date of Testing: 2024-12-17 09:06:43

Date of Next Testing: 2028-12-16 09:06:43

Product Name: **Tauroursodeoxycholic Acid Dihydrate**

CAS Number: 117609-50-4

Specifications & Purity: $\geq 98\%$

Lot #: L2410461

SKU #: **S101371**

Version **2**

Analysis #: **439895**

Parameter	Limit Values	Result
Water by Karl Fischer	6-7.4 (%)	6.12 %
Purity(HPLC)	98-100 (%)	98.11200 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in H}_2\text{O})$	42-48 (°)	42.02 °
Appearance (S101371)	white powder	White powder
Solubility in hot H ₂ O	almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager