

Certificate of Analysis

Ursodiol/Ursodeoxycholic Acid

CAS No.	128-13-2	Code	BIOJUSD001
Lot No	UA5250727	Manufacture Date	Jul.19, 2025
Retest Date	Jun. 2028	Quantity	500G

Testing Items	Specifications	Results
Appearance	White or almost white powder	White powder
Solubility	Practically insoluble in water and methylene chloride, freely soluble in ethanol(96%), slightly soluble in acetone	Complies
Identification	Comparable IR absorption with the reference	Complies
	The spot is similar in position, colour and size with the reference spot	Complies
	A greenish-blue precipitate occurs	Complies
Melting point	About 202°C	203.5°C
Specific optical rotation	+58.0°~ +62.0°	+60.6°
Related substances	Lithocholic acid ≤0.1%(TLC) Chenodeoxycholic acid ≤1.0% Unspecified impurity ≤0.10% Total impurities ≤1.5%	Complies 0.44% <0.05% 0.44%
Loss on drying	≤1.0%	0.07%
Sulphated ash	≤0.1%	0.04%
Solvents residue	Methanol ≤0.3% Acetone ≤0.5%	Not detected 0.06%
Assay	99.0%~101.0% (Calculated on the dried basis)	100.0%
Conclusion	This product conforms to EP9 standard	

***Storage condition: Store below 25°C, Protect from moisture and light.**