

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-25 15:14:01

Date of Next Testing: 2029-04-24 15:14:01

Product Name: **Ursodeoxycholic acid (UDCA)**

CAS Number: 128-13-2

Specifications & Purity: Moligand™, ≥99%

Lot #: D2515694

SKU #: **U110695**

Version: **0**

Analysis #: **492848**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity(Neutralization titration)(calcd.on anh.substance)	98.5-101.5 (%)	98.50000 %
Purity(HPLC)	99-100 (%)	99.40400 %
Melting point	200-205 (°C)	204.85000 °C
Specific Rotation [α] ₂₀ /D(c=4 in EtOH)	59-62 (°)	59.70300 °
Loss on drying	0-1 (%)	0.21825 %
Appearance (U110695)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless clear to very slightly hazy, 50mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager