

Certificate of Analysis

Date of Testing: 2025-02-20 14:21:52
Date of Next Testing: 2029-02-19 14:21:52
Product Name: **Cholesterol**
CAS Number: 57-88-5
Specifications & Purity: AR, ≥95%(HPLC)
Lot #: B2518250
SKU #: **C104028**
Version: **1**
Analysis #: **450470**
Storage Temperature: Protected from light,Store at -20°C,Argon charged

| Parameter | Limit Values | Result |
|--|-------------------------------------|-------------------------------------|
| Specific Rotation [α] ₂₅ /D(c=2 in Dioxane) | -39.5--34 (°) | -36.13° |
| Melting point | 148-150 (°C) | 148.86000 °C |
| Ignition Residue | 0-0.1 (%) | 0.00 % |
| Purity(HPLC) | 95-100 (%) | 99.66800 % |
| Loss on drying | 0-1 (%) | 0.00 % |
| Appearance (C104028) | white to off-white powder or flakes | white to off-white powder or flakes |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in hot EtOH , very faint turbidity | pass | Pass |



John Su
QA & QC Manager