

Certificate of Analysis

Date of Testing: 2025-08-26 13:37:21
Date of Next Testing: 2029-08-25 13:37:21
Product Name: **Erlose**
CAS Number: 13101-54-7
Specifications & Purity: $\geq 97\%$
Lot #: K1306115
SKU #: **E120956**
Version: **1**
Analysis #: **559310**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|---|---|
| Water by Karl Fischer | 0-12.5 (%) | 10.90 % |
| Purity(HPLC) | 97-100 (%) | 98.50000 % |
| Specific Rotation $[\alpha]_{20/D}(c=0.84 \text{ in H}_2\text{O})$ | 108.5-112 (°) | 109.23 ° |
| Appearance (E120956) | white to off-white to yellow powder to crystalline powder | white to off-white to yellow powder to crystalline powder |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility, Colorless to slightly clear yellow solution(5% in H ₂ O) | pass | Pass |



John Su
QA & QC Manager