

Certificate of Analysis

Date of Testing: 2023-03-10 19:27:34
Date of Next Testing: 2026-03-09 19:27:34
Product Name: **Mannide monooleate**
CAS Number: 9049-98-3
Specifications & Purity: Analytical Reagent
Lot #: C23071005
SKU #: **M304937**
Version: **3**
Analysis #: **157502**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.24 %
Color Test(Gardner Color Scale)	0-6	5.80000
Acid Value	≤10 (mgKOH/g)	9.80 mgKOH/g
Saponification value	164-172(mgKOH/g)	165.00 mgKOH/g
Hydroxyl value	89-100 (mgKOH/g)	99.90000 mgKOH/g



John Su
QA & QC Manager