



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-02 09:33:18
Date of Next Testing: 2028-04-01 09:33:18
Product Name: **Mannide monooleate**
CAS Number: 9049-98-3
Specifications & Purity: AR
Lot #: C2526585
SKU #: **M304937**
Version: **3**
Analysis #: **394958**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Acid Value	≤ 10 (mgKOH/g)	5.02000 mgKOH/g
Saponification value	164-172(mgKOH/g)	168.42000 mgKOH/g
Water by Karl Fischer	0-1 (%)	0.35000 %
Hydroxyl value	89-100 (mgKOH/g)	93.64000 mgKOH/g
Color Test(Gardner Color Scale)	0-6	4.00000

John Su
QA & QC Manager