

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-17 15:19:10

Date of Next Testing: 2028-12-16 15:19:10

Product Name: **Mannide monooleate**

CAS Number: 9049-98-3

Specifications & Purity: AR

Lot #: C2308214

SKU #: **M304937**

Version: **3**

Analysis #: **625169**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Acid Value	≤ 10 (mgKOH/g)	9.68000 mgKOH/g
Saponification value	164-172(mgKOH/g)	165.00000 mgKOH/g
Water by Karl Fischer	0-1 (%)	0.24230 %
Hydroxyl value	89-100 (mgKOH/g)	99.90000 mgKOH/g
Color Test(Gardner Color Scale)	0-6	5.68000



John Su
QA & QC Manager