



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-24 16:58:36

Date of Next Testing: 2029-06-23 16:58:36

Product Name: **Mannide monooleate**

CAS Number: 9049-98-3

Specifications & Purity: AR

Lot #: F2609434

SKU #: **M304937**

Version: **3**

Analysis #: **716193**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Acid Value	≤ 10 (mgKOH/g)	4.80000 mgKOH/g
Saponification value	164-172(mgKOH/g)	168.80000 mgKOH/g
Water by Karl Fischer	0-1 (%)	0.35000 %
Hydroxyl value	89-100 (mgKOH/g)	95.20000 mgKOH/g
Color Test(Gardner Color Scale)	0-6	5.00000

John Su
QA & QC Manager