

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-04 18:54:38

Date of Next Testing: 2027-03-04 18:54:38

Product Name: **Rhamnolipids**

CAS Number:

Specifications & Purity: Solid content  $\geq 40\%$

Lot #: C2503241

SKU # **R488080**

Version **1**

Analysis #: **475391**

Storage Temperature: Room temperature

| Parameter                 | Limit Values                             | Result                                   |
|---------------------------|------------------------------------------|------------------------------------------|
| Solid content             | $\geq 40$ (%)                            | 57.03690 %                               |
| pH                        | 6.0-8.0                                  | 7.12000                                  |
| Water by Karl Fischer     | 0-60 (%)                                 | 57.04400 %                               |
| Heavy metal (as Pb)       | 0-10 (ppm)                               | 0.00000 ppm                              |
| Total arsenic(as arsenic) | 0-2 (ppm)                                | 0.00000 ppm                              |
| Appearance(R488080)       | Light yellow to amber transparent liquid | Light yellow to amber transparent liquid |



John Su  
QA & QC Manager