

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-19 09:27:19
Date of Next Testing: 2027-09-19 09:27:19
Product Name: **Surfactin(mixture of isomers)**
CAS Number: 24730-31-2
Specifications & Purity: 95%(mixture of isomers)
Lot #: I2414313
SKU #: **S329585**
Version: **3**
Analysis #: **405706**
Storage Temperature: Store at 2-8°C,Argon charged

| Parameter | Limit Values | Result |
|--|---|---|
| Purity(with Total Nitrogen) (anhydrous) | 95-100 (%) | 96.85 % |
| Appearance(S329585) | White to Off-White to faint yellow powder or Solid | White to Off-White to faint yellow powder or Solid |
| Proton NMR spectrum | Conforms to structure | Conforms to Structure |



John Su
QA & QC Manager