

Certificate of Analysis

Date of Testing: 2023-08-05 15:30:41
 Date of Next Testing: 2026-08-04 15:30:41
 Product Name: **Surfactin(mixture of isomers)**
 CAS Number: 24730-31-2
 Specifications & Purity: 95%(mixture of isomers)
 Lot #: G2331121
 SKU #: **S329585**
 Version: **3**
 Analysis #: **245786**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(with Total Nitrogen) (anhydrous)	95-100 (%)	97.81 %
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