

Certificate of Analysis

Date of Testing: 2023-07-31 16:45:00
Date of Next Testing: 2025-07-30 16:45:00
Product Name: **Rhamnolipids**
CAS Number:
Specifications & Purity: Solid content $\geq 40\%$
Lot #: G23201071
SKU #: **R488080**
Analysis: **245473**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Solid content	≥ 40 (%)	43.34000 %
PH	6.0-8.0	7.12
Water by Karl Fischer	0-60 (%)	55.76 %
Heavy metal (as Pb)	0-10 (ppm)	0.00 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