

# NAT SURFACT<sup>®</sup>

Grade: **LCBS**

Rhamnolipid sodium salt neat powder  
**CAS Numbers:** 37134-61-5 and 4348-76-9  
**INCI Listing:** RHAMNOLIPIDS

Specifications	
Characteristic	Range
Appearance	Yellow powder
Rhamnolipids	85 – 90%
Rhamnolipids that are mono-	35 – 45% (remainder are di-)
CMC	80 – 120 mg/L (solids basis)
Moisture	4 – 7%
Sodium chloride	1 – 2%
Triacylglyceride oil	4 – 6%
Elemental analysis (C, H, N, and Na and heavier)	
C	53 – 57%
H	8 – 10%
N	0.3 – 0.5%
Excess Sodium	5 – 7%
Aluminum	< 100 ppm
Silicon	< 0.05%
Phosphorous	< 0.5%
Sulfur	< 0.25%
Potassium	< 0.1%
Copper	< 5 ppm
Zinc	< 1 ppm
All others	Undetectable

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