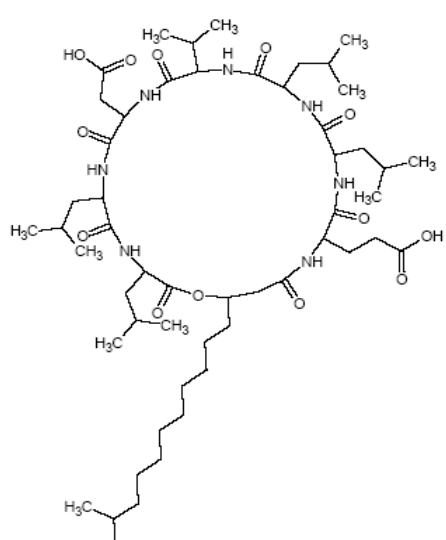


Specification Sheet - **LICHENYSIN A**

Chemical name:	Lichenysin A, from <i>Bacillus licheniformis</i> ATCC14580 derivative strain
IUPAC name:	3-{2-[2-(2-Butyrylamino-4-methylvalerylamino)-4-methylvalerylamino]-3-methylbutyrylamino}-4-(1-[[1-(dodecyloxycarbonyl)-2-methylbutylamino]carbonyl]-3-methylbutylamino)-4-oxobutyric acid

CAS number:	24730-31-2 (CAS Number of surfactin)	
Molecular formula:	C ₅₂ H ₉₁ N ₈ O ₁₂ (formula of lichenysin A nC14)	
Structural formula:	Lichenysin A (structure of lichenysin A nC14)	
Molecular mass:	1020.66 g/mol	
Chemical purity:	≥95 (HPLC-MS)	

Appearance (form):	Powder
Appearance (color):	White to faint yellow
Solubility (solvent):	Organic solvents (MeOH, EtOH, DMSO 0.1, ...)
Solubility (at 1g/L):	NA
Solubility (turbidity):	NA
Solubility (color)	Colourless
Melting point:	NA
Boiling point:	NA

Storage conditions:

Solid storage: At room temperature. Keep away from light, in a container tightly closed in a dry and well-ventilated place.

Liquid storage: Store in +2 - +8°C. Keep container tightly closed in a dry and well-ventilated place.