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Product Specification

Product Name:

Surfactin - from *Bacillus subtilis*, ≥98.0% (HPLC)

Product Number:

S3523

CAS Number:

24730-31-2



Formula:

C₅₃H₉₃N₇O₁₃

Formula Weight:

1,036.34 g/mol

Storage Temperature:

2 - 8 °C

TEST	Specification
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Appearance (Form)	Powder
Appearance (Colour)	White to Faint Yellow
Solubility (Solvent)	Ethanol
Solubility (Conc)	9.80 - 10.20 mg/ml
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Faint Yellow
Elemental Anal. (%C anhydrous)	60.42 - 62.42 %
Elemental Anal. (%N anhydrous)	8.96 - 9.96 %
Purity (HPLC)	≥ 98.0 %
Recommended Retest Period	-----
3 Years	

Specification: PRE.1.ZQ5.1000002433

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.