

3050 Spruce Street, Saint Louis, MO 63103, USA

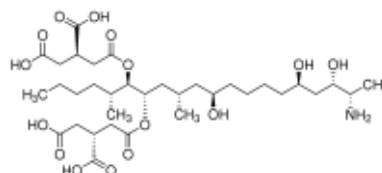
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Product Specification

Product Name:
Fumonisin B₁ from *Fusarium moniliforme* - ≥98% (HPLC)

Product Number: **F1147**
CAS Number: 116355-83-0

Formula: C₃₄H₅₉NO₁₅
Formula Weight: 721.8 AMU



TEST	Specification
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Appearance (Form)	Powder
Appearance (Colour)	White to Tan
Solubility (Solvent)	Methanol
Solubility (Conc)	9.80 - 10.20 mg/ml
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Light Yellow
Elemental Anal. (%C anhydrous)	55.20 - 58.00 %
Elemental Anal. (%N anhydrous)	1.60 - 2.20 %
Purity (HPLC)	≥ 98.00 %
NMR (Solvent)	CD ₃ OD
Identity by NMR	Consistent
Storage Conditions	Under Argon
Recommended Retest Period	-----
2 Years	

Specification: PRE.2.ZQ5.10000001007

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.