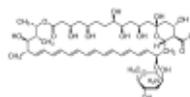


## Product Specification

Product Name:  
Amphotericin B solubilized - powder,  $\gamma$ -irradiated, BioXtra, suitable for cell culture

Product Number: **A9528**  
CAS Number: 1397-89-3  
Formula: C<sub>47</sub>H<sub>73</sub>NO<sub>17</sub>  
Formula Weight: 924,08 g/mol  
Storage Temperature: 2 - 8 °C



TEST	Specification
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Appearance (Form)	Powder or Lyophilized Powder
Appearance (Colour)	Yellow to Dark Yellow
Solubility (Solvent)	Water
Solubility (Conc)	19.60 - 20.40 mg/ml
Solubility (Turbidity)	Clear to Slightly Hazy
Solubility (Color)	Yellow
Cell Culture (Suitability)	Pass
Gamma-Irrad.(Gamma steriliz.)	Pass
Gamma-Irrad.(Measured Dose)	Min. 2.5 Mrad (25KGy)
Content (Product)	Amphotericin B
Content (Determination Method)	UV
Water (by Karl Fischer)	≤ 10.00 %
UV (Solvent)	1% DMSO in methanol
UV (Lambda max 1)	403 - 407 nm
UV (E1% at Lambda max 1)	
UV (Lambda max 2)	380 - 384 nm
UV (E1% at Lambda max 2)	
UV (Lambda max 3)	361 - 365 nm
UV (E1% at Lambda max 3)	
UV (% Pure Product)	≥ 42.00 %
Potency (As Is)	≥ 240.00 µG/mg
Recommended Retest Period	-----
5 Years	

Specification: PRE.5.ZQ5.10000001101

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](http://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.

