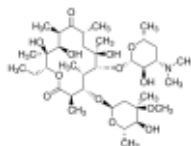


Certificate of Analysis

Product Name:

Erythromycin - potency: ≥ 850 μg per mg

Product Number: E6376
Batch Number: WXB4201V
Brand: SIAL
CAS Number: 114-07-8
Formula: C₃₇H₆₇NO₁₃
Formula Weight: 733.93 g/mol
Quality Release Date: 28 OCT 2024



Test	Specification	Result
Appearance (Colour)	White	White
Appearance (Form)	Powder	Powder
Solubility (Colour)	Colorless to Faint Yellow	Colorless
Solubility (Turbidity)	Clear to Slightly Hazy	Clear
50 mg/mL, EtOH		
Infrared Spectrum	Conforms to Structure	Conforms
Water (by Karl Fischer)	≤ 10 %	2 %
(< or = 4.5 mol/mol)		
Carbon (Anhydrous)	59.2 - 61.8 %	61.2 %
Nitrogen (Anhydrous)	1.6 - 2.2 %	1.8 %
Potency	≥ 850	950
$\mu\text{g}/\text{mg}$ anhydrous basis		

Kang Chen
Quality Manager
Wuxi, China CN

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.

