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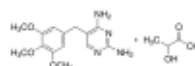
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Trimethoprim lactate salt - ≥98%

Product Number: **T0667**
CAS Number: 23256-42-0



Formula: C₁₄H₁₈N₄O₃ · C₃H₆O₃
Formula Weight: 380.4 AMU

TEST

Specification

Appearance (Form)	Powder
Appearance (Colour)	White
Solubility (Solvent)	Water
Solubility (Heating)	Yes or No
Solubility (Conc)	19.60 - 20.40 mg/ml
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless
Elemental Anal. (%C anhydrous)	53.17 - 54.17 %
Elemental Anal. (%N anhydrous)	14.23 - 15.23 %
Purity (TLC)	≥ 98.00 %
NMR (Solvent)	DMSO-d ₆
Identity by NMR	Consistent
UV (Solvent)	Water
UV (Lambda max 1)	270 - 272 nm
UV (EmM at Lambda max 1)	5.70 - 6.00
Recommended Retest Period	-----
3 Years	

Specification: PRE.2.ZQ5.10000001225

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.