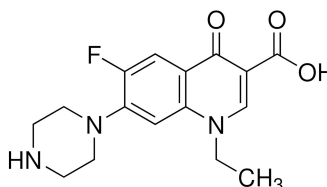


Certificate of Analysis

Product Name : Norfloxacin analytical standard, ≥98% (TLC)
Product Number : N9890-1G
Batch Number : 0000227061
Source Batch : SLCL9335
CAS Number : 70458-96-7
MDL Number : MFCD00079532
Storage Temperature : Cooler/Refrigerated
Molecular Formula : C₁₆H₁₈FN₃O₃
Formula Weight : 319.33 g/mol
Quality Release Date : 15 NOV 2021



Test	Specification	Result
Appearance (Color)	White to Yellow	Faint Yellow
Appearance (Form)	Powder	Powder
Solubility (Color)	Yellow to Green	Light Yellow-Green
Solubility (Turbidity)	Clear	Clear
50 mg/mL, HOAc		
Water (by Karl Fischer)	≤ 3 %	2 %
Proton NMR Spectrum	Conforms to Structure	Conforms
Purity (TLC)	≥ 98 %	100 %
Carbon (anhydrous)	58.6 - 63.6 %	59.8 %
Nitrogen (anhydrous)	12.8 - 13.9 %	12.8 %

Brian Dulle, Supervisor

Quality Assurance

St. Louis, Missouri

US

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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale.

Version Number: 01 Doc 1121736

Page 1 of 1

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