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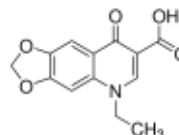
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Product Specification

Product Name:
Oxolinic acid - quinolone antibiotic

Product Number: **O0877**
CAS Number: 14698-29-4

Formula: C₁₃H₁₁NO₅
Formula Weight: 261,23 g/mol
Storage Temperature: 2 - 8 °C



TEST	Specification
Appearance (Color) White to Off White	Conforms
Appearance (Form) Powder or crystalline powder	Conforms
Solubility (Color) Colorless to Faint Yellow	Conforms
Solubility (Turbidity) 50 mg/ml in 0.5M NaOH	Clear
Carbon (Elemental analysis, as is)	58.3 - 61.3 %
Nitrogen (Elemental analysis, as is)	5.1 - 5.7 %
Identity FTIR Consistent with structure	Conforms
Purity (GC)	≥ 99.0 %
Recommended Retest Period 2 Years	-----

Specification: PRE.1.ZQ5.10000010435

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.