

Certificate of Analysis

Date of Testing: 2023-12-19 13:13:58
Date of Next Testing: 2025-12-18 13:13:58
Product Name: **Orotic acid**
CAS Number: 65-86-1
Specifications & Purity: Moligand™, ≥98%
Lot #: C2204053
SKU #: **O137322**
Version: **0**
Analysis #: **306146**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98-102 (%)	99.20 %
Purity(HPLC)	98-100 (%)	99.02510 %
Water by Karl Fischer	0-3 (%)	1.05 %
Appearance (O137322)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 M NaOH , Colorless to Faint Yellow, Clear to Hazy, 50 mg/ml	pass	Pass



John Su
QA & QC Manager