

Certificate of Analysis

Date of Testing: 2024-09-04 17:00:50
Date of Next Testing: 2026-09-04 17:00:50
Product Name: **Orotic acid**
CAS Number: 65-86-1
Specifications & Purity: >98.0%
Lot #: K2217186
SKU #: **O137322**
Version: **0**
Analysis #: **407017**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98-102 (%)	99.28 %
Purity(HPLC)	98-100 (%)	99.11870 %
Water by Karl Fischer	0-3 (%)	0.45 %
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