

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-06 11:26:50

Date of Next Testing: 2026-02-05 11:26:50

Product Name: **Orotic acid**

CAS Number: 65-86-1

Specifications & Purity: >98.0%

Lot #: A2423104

SKU #: **O137322****Analysis: 085821**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98-102 (%)	98.80 %
Purity(HPLC)	98-100 (%)	99.55100 %
Water by Karl Fischer	0-3 (%)	0.17 %
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