

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-19 16:49:31

Date of Next Testing: 2026-12-19 16:49:31

Product Name: **Orotic acid**

CAS Number: 65-86-1

Specifications & Purity: Moligand™, ≥98%

Lot #: L2417161

SKU #: **O137322**

Version: **0**

Analysis #: **452714**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98-102 (%)	98.00000 %
Purity(HPLC)	98-100 (%)	99.50000 %
Water by Karl Fischer	0-3 (%)	0.16000 %
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