

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-13 11:52:43
 Date of Next Testing: 2029-05-12 11:52:43
 Product Name: **Riboflavine**
 CAS Number: 83-88-5
 Specifications & Purity: Moligand™, ≥98%
 Lot #: E2512492
 SKU #: **R104137**
 Version: **1**
 Analysis #: **383225**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=0.5 in 0.05 M NaOH)	-142--115 (°)	-124.88000 °
Purity(HPLC)	98-100 (%)	98.32000 %
Nitrogen by Elemental Analysis	14.6-15.2 (%)	14.80000 %
Carbon by Elemental Analysis	53.2-55.3 (%)	54.60000 %
Appearance (R104137)	White to Yellow to Orange or Orange-Yellow Powder to Crystal	White to Yellow to Orange or Orange-Yellow Powder to Crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 0.1M NaOH	Yellow to Orange,Clear,10 mg/ml	Yellow to Orange,Clear,10 mg/ml



John Su
QA & QC Manager