

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-07 15:03:35
Date of Next Testing: 2030-03-06 15:03:35
Product Name: **Riboflavine**
CAS Number: 83-88-5
Specifications & Purity: Moligand™, ≥98%
Lot #: B2627095
SKU #: **R104137**
Version: **1**
Analysis #: **395405**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	14.6-15.2 (%)	14.92500 %
Purity(HPLC)	98-100 (%)	99.50800 %
Carbon by Elemental Analysis	53.2-55.3 (%)	54.08900 %
Specific Rotation [α] ₂₀ /D(c=0.5 in 0.05 M NaOH)	-142--115 (°)	-115.30000 °
Appearance (R104137)	White to Yellow to Orange or Orange- Yellow Powder to Crystal	White to Yellow to Orange or Orange- Yellow Powder to Crystal
Solubility in 0.1M NaOH	Yellow to Orange,Clear,10 mg/ml	Yellow to Orange,Clear,10 mg/ml
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager