

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-19 17:12:15
 Date of Next Testing: 2029-12-18 17:12:15
 Product Name: **Riboflavin Sodium phosphate(FMN-Na)**
 CAS Number: 130-40-5
 Specifications & Purity: $\geq 93\%$
 Lot #: L2515632
 SKU #: **R106430**
 Version: **0**
 Analysis #: **627741**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	3.80000 %
abs-ratio(2a/2b)	2.06-2.36	2.19000
Specific Rotation $[\alpha]_{20/D}(c=1.5 \text{ in } 5\text{mol/L HCl})$	38-43 (°)	39.70000 °
Purity(as dry basis) (UV)	93-100 (%)	93.46000 %
abs-ratio(3a/3b)	0.8-0.9	0.85000
abs-ratio(a/b)	2.45-2.75	2.55000



John Su
QA & QC Manager