

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-26 17:04:42
 Date of Next Testing: 2029-12-25 17:04:42
 Product Name: **Riboflavin Sodium phosphate(FMN-Na)**
 CAS Number: 130-40-5
 Specifications & Purity: PharmPure™, USP
 Lot #: L2515637
 SKU #: **R106431**
 Version: **1**
 Analysis #: **609937**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
FREE RIBOFLAVIN AND RIBOFLAVIN DIPHOSPHATE	0-6 (%)	3.21000 %
Ignition Residue (as sulfate)	0-25 (%)	12.50000 %
Loss on drying	0-7.5 (%)	3.51000 %
PH test	5-6.5	5.72500
RIBOFLAVIN	73-79 (%)	75.52600 %
Specific Rotation [α] _{20/D} (c=2 in 5mol/L HCl)	37-42 (°)	39.70000 °
Limit of Lumiflavin	PASS	Pass
Identification	pass	Pass
Free phosphoric acid(H ₃ PO ₄)	pass	Pass
Residual solvents	complies	complies



John Su
QA & QC Manager