

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-29 11:47:42  
 Date of Next Testing: 2029-07-28 11:47:42  
 Product Name: **Riboflavin Sodium phosphate(FMN-Na)**  
 CAS Number: 130-40-5  
 Specifications & Purity: PharmPure™, USP  
 Lot #: G2522076  
 SKU #: **R106431**  
 Version: **1**  
 Analysis #: **548944**  
 Storage Temperature: Store at -20°C, Argon charged

| Parameter                                                 | Limit Values | Result     |
|-----------------------------------------------------------|--------------|------------|
| FREE RIBOFLAVIN AND RIBOFLAVIN DIPHOSPHATE                | 0-6 (%)      | 2.36000 %  |
| Ignition Residue (as sulfate)                             | 0-25 (%)     | 11.45000 % |
| Loss on drying                                            | 0-7.5 (%)    | 5.21000 %  |
| PH test                                                   | 5-6.5        | 5.88000    |
| RIBOFLAVIN                                                | 73-79 (%)    | 75.45000 % |
| Specific Rotation [α] <sub>20</sub> /D(c=2 in 5mol/L HCl) | 37-42 (°)    | 37.02000 ° |
| Limit of Lumiflavin                                       | PASS         | Pass       |
| Identification                                            | pass         | Pass       |
| Residual solvents                                         | complies     | complies   |
| Free phosphoric acid(H <sub>3</sub> PO <sub>4</sub> )     | pass         | Pass       |



John Su  
QA & QC Manager