

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-11 12:07:43  
Date of Next Testing: 2027-10-10 12:07:43  
Product Name: **Riboflavin Sodium phosphate**  
CAS Number: 130-40-5  
Specifications & Purity: 93%  
Lot #: J2309034  
SKU #: **R106430**  
Version: **0**  
Analysis #: **088522**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	5.21%
abs-ratio(2a/2b)	2.06-2.36	2.13
Specific Rotation [α] <sub>20</sub> /D(c=1.5 in 5mol/L HCl)	38-43 (°)	38.07°
Purity(as dry basis) (UV)	93-100 (%)	94.28%
abs-ratio(3a/3b)	0.8-0.9	0.83
abs-ratio(a/b)	2.45-2.75	2.51



John Su  
QA & QC Manager