

Certificate of Analysis

Date of Testing: 2025-06-21 11:38:48

Date of Next Testing: 2029-06-20 11:38:48

Product Name: **Riboflavin Sodium phosphate**

CAS Number: 130-40-5

Specifications & Purity: $\geq 93\%$

Lot #: F2511044

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 $[\alpha]_{20/D}(c=1.5 \text{ in } 5\text{mol/L HCl})$	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