

Certificate of Analysis

Date of Testing: 2025-02-08 09:29:41

Date of Next Testing: 2029-02-07 09:29:41

Product Name: **Riboflavin Sodium phosphate**

CAS Number: 130-40-5

Specifications & Purity: $\geq 93\%$

Lot #: D2121244

SKU #: **R106430**

Version: **0**

Analysis #: **467947**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	4.10 %
abs-ratio(2a/2b)	2.06-2.36	2.10
Specific Rotation $[\alpha]_{20/D}(c=1.5 \text{ in } 5\text{mol/L HCl})$	38-43 (°)	39.10°
Purity(as dry basis) (UV)	93-100 (%)	93.10 %
abs-ratio(3a/3b)	0.8-0.9	0.80
abs-ratio(a/b)	2.45-2.75	2.60



John Su
QA & QC Manager