

Certificate of Analysis

Date of Testing: 2025-02-08 09:30:57

Date of Next Testing: 2029-02-07 09:30:57

Product Name: **Riboflavin Sodium phosphate**

CAS Number: 130-40-5

Specifications & Purity: PharmPure™, USP

Lot #: D2121252

SKU #: **R106431**

Version: **1**

Analysis #: **467948**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
FREE RIBOFLAVIN AND RIBOFLAVIN DIPHOSPHATE	0-6 (%)	2.00 %
Ignition Residue (as sulfate)	0-25 (%)	14.00 %
Loss on drying	0-7.5 (%)	5.80 %
PH test	5-6.5	5.00
RIBOFLAVIN	73-79 (%)	75.00 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 5\text{mol/L HCl})$	37-42 (°)	39.10 °
Limit of Lumiflavin	PASS	Pass
Identification	pass	Pass
Residual solvents	complies	complies
Free phosphoric acid(H ₃ PO ₄)	pass	Pass



John Su
QA & QC Manager