

Certificate of Analysis

Date of Testing: 2022-01-21 11:03:56
Date of Next Testing: 2026-01-20 11:03:56
Product Name: **Riboflavin Sodium phosphate**
CAS Number: 130-40-5
Specifications & Purity: USP grade
Lot #: A2218016
SKU #: **R106431**
Analysis: 070808
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
FREE RIBOFLAVIN AND RIBOFLAVIN DIPHOSPHATE	0-6 (%)	2.90%
Ignition Residue (as sulfate)	0-25 (%)	14.90%
Loss on drying	0-7.5 (%)	5.81%
PH test	5-6.5	5.50
RIBOFLAVIN	73-79 (%)	75.50%
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 5\text{mol/L HCl})$	37-42 (°)	39.19°
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