

929 – RIBOFLAVIN-5-PHOSPHATE, EXTRA PURE

REF NO: TBL/QA/SS/LC/929	STANDARD SPECIFICATION FOR RIBOFLAVIN-5- PHOSPHATE, EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 22/03/2025
Issue Date: 23/03/2022		Product code: 929

PRODUCT PROPERTIES

C.A.S Number	130-40-5
Chemical Formula	$C_{17}H_{20}N_4NaO_9P \cdot 2H_2O$
Formula weight	514.36
Functional Uses	A coenzyme for a number of oxidative enzymes including NADH dehydrogenase.
Standard Packaging	5 gm, 25 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Yellow to Orange crystalline powder.
Solubility	Soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on Drying	NMT- 7.0%
Phosphate (PO ₄)	NMT- 0.5%
Assay	NLT- 93.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

