

PRODUCT IDENTITY

PRODUCT NAME	D-Ribose 5-phosphate disodium salt hydrate	PRODUCT NUMBER	R141013
Grades & Purity	≥85%	VERSION	3
CAS NUMBER	18265-46-8	FORMULA	C ₅ H ₉ Na ₂ O ₈ P·xH ₂ O
FORMULA WEIGHT	274.07g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Purity(Titration by HClO ₄)	85-100 (%)
Water by Karl Fischer	0-15 (%)
Appearance (R141013)	White to yellow powder or crystals
Solubility in H ₂ O , Colorless to Faint Yellow Clear ,50 mg/mL, H ₂ O	pass
Proton NMR spectrum	Conforms to Structure