

Product Name: Sodium beta-glycerophosphate pentahydrate, 97%
Catalog Number: L03425.36

CAS Number: 13408-09-8
IUPAC Name: [(1,3-dihydroxypropan-2-yl)oxy]phosphonic acid pentahydrate disodium
Molecular Formula: C₃H₁₉Na₂O₁₁P
Molecular Weight: 308.13
InChI Key: VWVLGHQKEJESPW-UHFFFAOYSA-N
SMILES: O.O.O.O.O.[Na].[Na].OCC(CO)OP(O)(O)=O
Synonym: glycerol-2-phosphate pentahydrate disodium

Product Specification

Appearance (Color): White to pale cream
Form: Crystalline powder
Assay (Non-aqueous acid-base Titration): ≥96.0 to ≤104.0%
Water Content (Karl Fischer Titration): 26.8-31.4% (4.4-5.5 waters; Theory 29.43%)
Identification (FTIR): Conforms

Date Of Print: 09/21/2026

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.