**PRODUCT INFORMATION**

**Glycerophosphate (sodium salt hydrate)**  
*Item No. 14405*

**Formal Name:** 1,2,3-propanetriol, 2-(dihydrogen phosphate), 1,2,3-propanetriol, (2R)-1-(dihydrogen phosphate), disodium salt, pentahydrate  
**Synonym:** Glycerol Phosphate  
**MF:** C₃H₇O₆P • 2Na [5H₂O]  
**FW:** 306.1  
**Purity:** ≥95% (mixture of α and β)  
**Supplied as:** A crystalline solid  
**Storage:** -20°C  
**Stability:** ≥4 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

**Laboratory Procedures**

Glycerophosphate (sodium salt hydrate) is supplied as a crystalline solid. Aqueous solutions of glycerophosphate (sodium salt hydrate) can be prepared by directly dissolving the crystalline solid in aqueous buffers. The solubility of glycerophosphate (sodium salt hydrate) in PBS (pH 7.2) is approximately 10 mg/ml. We do not recommend storing the aqueous solution for more than one day.

**Description**

Glycerophosphate is a mixture of the endogenous metabolite α-glycerophosphate and the alkaline phosphatase (ALP) inhibitor β-glycerophosphate (Item No. 38367).

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**WARNING**  
This product is for research only - not for human or veterinary diagnostic or therapeutic use.

**SAFETY DATA**

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

**WARRANTY AND LIMITATION OF REMEDY**

Buyer agrees to purchase the material subject to Cayman’s Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.