

Certificate of Analysis

β-Glycerophosphate (disodium salt pentahydrate)

 Cat. No.:
 HY-D0886

 CAS No.:
 13408-09-8

 Batch No.:
 314411

Chemical Name: 1,2,3-Propanetriol, 2-(dihydrogen phosphate), sodium salt, hydrate (1:2:5)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₃H₁₇Na₂O₁₁P

Molecular Weight: 306.11

Storage: 4°C, sealed storage, away from moisture and light

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

Chemical Structure:

HO O I ONA ONA

5H₂O

ANALYTICAL DATA

Appearance: White to yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (NMR): ≥98.0%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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