

Certificate of Analysis

Product Name:	β-Glycerophosphate disodium salt hydrate
Product Number:	G10340
Lot Number:	C26PE668A
CAS:	154804-51-0
Formula:	C3H7Na2O6P·xH2O
Molecular Weight:	216.04(anhydrous basis)
Storage at:	室温
Quality Release Date:	2026-08-21
Recommended retested date:	2031-08-20

Test	Specification	Result
Appearance	White crystalline powder	White crystalline powder
Solubility (50mg/mL in H2O)	Colorless Clear	Colorless Clear
Free glycerol and soluble matter in ethanol	≤10ppm	<10ppm
Chloride	≤0.02%	<0.02%
Sulfate	≤0.05%	<0.05%
Free phosphate	≤0.1%	<0.1%
Water	29.2 - 33.3%	31.3
Iron (Fe)	≤0.01%	<0.01%
Heavy metals	≤20ppm	<20ppm
Arsenate(As)	≤0.0005%	<0.0005%



Test	Specification	Result
Endotoxins	<9EU/g	<9EU/g
Purity(Titration)	≥99%	99.4%
1H-NMR(D2O)	Conforms to Structure	Conforms
Cell Culture Test	Pass	Pass
Plant Cell Culture Test	Pass	Pass

