

Certificate of Analysis

Date of Testing: 2025-04-19 11:31:33

Date of Next Testing: 2028-04-18 11:31:33

Product Name: **β-Glycerophosphate disodium salt hydrate (BGP)**

CAS Number: 154804-51-0

Specifications & Purity: UltraBio™, Moligand™, for cell culture, for plant cell culture, ≥99%(T)

Lot #: D2510017

SKU #: **G755749**

Version: **1**

Analysis #: **470756**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-33 (%)	31.55 %
Purity(Titration by HCL)(dry basis)	98.5-101.5 (%)	98.86 %
Lead(Pb)	0-0.001 (%)	0.00 %
Phosphorus(anhydrous)	13.7-15 (%)	14.10 %
Sodium (Na)(anhydrous)	19.8-22.8 (%)	19.80 %
Appearance(G755749)	White powder	White powder
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure
Cell Culture Test	pass	Pass
Plant cell culture test	pass	Pass



John Su
QA & QC Manager