

## Certificate of Analysis

Date of Testing: 2025-08-22 13:45:51  
Date of Next Testing: 2029-08-21 13:45:51  
Product Name: **Phe-Ala**  
CAS Number: 3918-87-4  
Specifications & Purity:  $\geq 98\%$   
Lot #: H2520628  
SKU #: **P121447**  
Version: **0**  
Analysis #: **558651**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-15 (%)	5.70 %
Purity(HPLC)	98-100 (%)	99.42000 %
Nitrogen by Elemental Analysis (anhydrous)	11.5-12.1 (%)	11.90 %
Carbon by Elemental Analysis	59.4-62.5 (%)	61.50 %
Appearance (P121447)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless and clear (5% in H <sub>2</sub> O)	pass	Pass



John Su  
QA & QC Manager