

## Certificate of Analysis

Date of Testing: 2024-08-15 14:15:36  
Date of Next Testing: 2028-08-14 14:15:36  
Product Name: **Phe-Ala**  
CAS Number: 3918-87-4  
Specifications & Purity: 98%  
Lot #: H2408664  
SKU #: **P121447**  
Version: **0**  
Analysis #: **338802**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-15 (%)	8.83 %
Purity(HPLC)	98-100 (%)	98.10000 %
Nitrogen by Elemental Analysis (anhydrous)	11.5-12.1 (%)	11.80 %
Carbon by Elemental Analysis	59.4-62.5 (%)	61.40 %
Appearance (P121447)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility,Colorless and clear(5% in H2O)	pass	Pass



John Su  
QA & QC Manager