

Certificate of Analysis

Date of Testing: 2023-05-06 15:37:44
Date of Next Testing: 2027-05-05 15:37:44
Product Name: **D-Val-Leu-Arg p-nitroanilide diacetate salt**
CAS Number: 64816-14-4(FREE BASE)
Specifications & Purity: $\geq 95\%$ (HPLC)
Lot #: I1508117
SKU #: **V121348**
Analysis: 218513
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Peptide content	≥ 60 (%)	60.10 %
Carbon by Elemental Analysis	43.6-51.1 (%)	46.22 %
Purity(HPLC)	95-100 (%)	98.99000 %
Nitrogen by Elemental Analysis	15.4-19 (%)	15.90 %
Appearance (V121348)	White or light yellow powder	White or light yellow powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , clear and colorless (1mg/ml)	pass	Pass



John Su
QA & QC Manager