

Certificate of Analysis

Date of Testing: 2022-12-14 15:29:47

Date of Next Testing: 2024-12-13 15:29:47

Product Name: **N α -(2,4-Dinitro-5-fluorophenyl)-L-alaninamide**

CAS Number: 95713-52-3

Specifications & Purity: $\geq 95.0\%$ (HPLC)

Lot #: C2110003

SKU #: **N139491**

Analysis: **168192**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	225-232 (°C)	228.60000 °C
Purity(HPLC)	95-100 (%)	96.40000 %
Specific Rotation [a] ₂₀ /D(c=1 in Acetone)	52-58 (°)	53.70°
Appearance (N139491)	Yellow to Dark Orange Powder	Yellow to Dark Orange Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in Acetone , Yellow to Dark Yellow,Clear,C=10 mg/ml	pass	Pass



John Su
QA & QC Manager