

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-27 11:53:31

Date of Next Testing: 2026-08-27 11:53:31

Product Name: **N $\alpha$ -(2,4-Dinitro-5-fluorophenyl)-L-alaninamide (FDAA)**

CAS Number: 95713-52-3

Specifications & Purity:  $\geq 95\%$ (HPLC)

Lot #: H2422438

SKU #: **N139491**

Version: **0**

Analysis #: **399477**

Storage Temperature: Store at 2-8°C

| Parameter                                                      | Limit Values                 | Result                       |
|----------------------------------------------------------------|------------------------------|------------------------------|
| Melting point                                                  | 225-232 (°C)                 | 228.66000 °C                 |
| Purity(HPLC)                                                   | 95-100 (%)                   | 99.78000 %                   |
| Specific Rotation [a] <sub>20</sub> /D(c=1 in Acetone)         | 52-58 (°)                    | 54.09100 °                   |
| 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