

## Certificate of Analysis

Date of Testing: 2023-03-06 18:09:24

Date of Next Testing: 2027-03-05 18:09:24

Product Name: **L-Alanine 4-nitroanilide hydrochloride**

CAS Number: 31796-55-1

Specifications & Purity: 99%

Lot #: C2301611

SKU #: **A117938**

**Analysis:** **194865**

Storage Temperature: Store at -20°C

| Parameter                                                        | Limit Values          | Result                |
|------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                                     | 99-100 (%)            | 99.90000 %            |
| Water by Karl Fischer                                            | 0-2 (%)               | 1.49 %                |
| Appearance (A117938)                                             | yellow powder         | yellow powder         |
| Infrared spectrum                                                | Conforms to Structure | Conforms to Structure |
| Solubility in H <sub>2</sub> O , Yellow clear solution(50 mg/mL) | pass                  | Pass                  |



John Su  
QA & QC Manager