

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-14 17:05:24  
Date of Next Testing: 2029-08-13 17:05:24  
Product Name: **L-γ-Glutamyl-p-nitroanilide Monohydrate**  
CAS Number: 7300-59-6(anhy)  
Specifications & Purity: ≥98%  
Lot #: J2129725  
SKU #: **S161136**  
Version: **0**  
Analysis #: **554886**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	175-181 (°C)	180.93800 °C
Specific Rotation [α] <sub>20</sub> /D(c=2 in 0.5 M HCL)	29-35 (°)	34.84°
Water by Karl Fischer	0-9 (%)	5.01%
Purity(HPLC)	98-100 (%)	98.78400%
Appearance (S161136)	White to Green-Yellow to Yellow Solid	White to Green-Yellow to Yellow Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager