

Certificate of Analysis

Date of Testing: 2023-11-17 16:29:17
Date of Next Testing: 2027-11-16 16:29:17
Product Name: **L-γ-Glutamyl-p-nitroanilide Monohydrate**
CAS Number: 7300-59-6
Specifications & Purity: 98%
Lot #: K2310066
SKU #: **S161136**
Analysis: **013406**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-9 (%)	5.01 %
Purity(HPLC)	98-100 (%)	98.78600 %
Melting point	175-181 (°C)	180.94000 °C
Specific Rotation [α] ₂₀ /D(c=2 in 0.5 M HCL)	29-35 (°)	34.84 °
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