

Certificate of Analysis

Date of Testing: 2023-11-03 09:58:09
Date of Next Testing: 2027-11-02 09:58:09
Product Name: **L-γ-Glutamyl-p-nitroanilide Monohydrate**
CAS Number: 7300-59-6
Specifications & Purity: 98%
Lot #: J2330040
SKU #: **S161136**
Analysis: **291972**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	175-181 (°C)	180.95000 °C
Specific Rotation [α] ₂₀ /D(c=2 in 0.5 M HCL)	29-35 (°)	32.94°
Water by Karl Fischer	0-9 (%)	7.82 %
Purity(HPLC)	98-100 (%)	98.30100 %
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