

Certificate of Analysis

Date of Testing: 2023-01-06 16:38:38

Date of Next Testing: 2027-01-05 16:38:38

Product Name: **N-(4-Aminobenzoyl)-L-glutamic acid**

CAS Number: 4271-30-1

Specifications & Purity: 97%

Lot #: L2220200

SKU #: **A111243**

Analysis: **175852**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=2 in 0.1 M HCl)	-17--13 (°)	-14.53°
Melting point	166-175 (°C)	173.58000 °C
Purity(Neutralization titration)	96.5-103.5 (%)	100.40 %
Appearance (A111243)	off-white to yellow to tan powder	off-white to yellow to tan powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot H ₂ O , very faint turbidity	pass	Pass



John Su
QA & QC Manager