

Certificate of Analysis

Date of Testing: 2023-10-09 11:27:27

Date of Next Testing: 2027-10-08 11:27:27

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

CAS Number: 4271-30-1

Specifications & Purity: 97%

Lot #: I2320128

SKU #: **A111243**

Analysis: **170499**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=2 in 0.1 M HCl)	-17--13 (°)	-14.51 °
Purity(Neutralization titration)	96.5-103.5 (%)	98.08 %
Melting point	166-175 (°C)	174.92000 °C
Appearance (A111243)	off-white to yellow to tan powder	off-white to yellow to tan powder
Solubility in hot H ₂ O , very faint turbidity	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager