

Certificate of Analysis

Date of Testing: 2025-07-15 13:45:53

Date of Next Testing: 2029-07-14 13:45:53

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

CAS Number: 4271-30-1

Specifications & Purity: $\geq 97\%$

Lot #: I2117288

SKU # **A111243**

Version **0**

Analysis #: **539972**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 0.1 \text{ M HCl})$	-17--13 (°)	-14.61°
Melting point	166-175 (°C)	171.04800 °C
Purity(Neutralization titration)	96.5-103.5 (%)	96.55 %
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