

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-08 16:15:40
 Date of Next Testing: 2027-08-07 16:15:40
 Product Name: **N-(4-Aminobenzoyl)-L-glutamic acid**
 CAS Number: 4271-30-1
 Specifications & Purity: $\geq 97\%$
 Lot #: H2304452
 SKU #: **A111243**
 Version: **0**
 Analysis #: **170483**
 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 ($^{\circ}$)	-14.81500 $^{\circ}$
Purity(Neutralization titration)	96.5-103.5 (%)	98.94000 %
Melting point	166-175 ($^{\circ}\text{C}$)	174.78000 $^{\circ}\text{C}$
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