

## Certificate of Analysis

Date of Testing: 2023-08-08 15:48:55

Date of Next Testing: 2027-08-07 15:48:55

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

CAS Number: 4271-30-1

Specifications & Purity: 97%

Lot #: H2304431

SKU #: **A111243**

**Analysis:** **170483**

Storage Temperature: Store at -20°C

| Parameter                                                 | Limit Values                      | Result                            |
|-----------------------------------------------------------|-----------------------------------|-----------------------------------|
| Specific Rotation [α] <sub>20/D</sub> (c=2 in 0.1 M HCl)  | -17--13 (°)                       | -14.81°                           |
| Purity(Neutralization titration)                          | 96.5-103.5 (%)                    | 98.94%                            |
| Melting point                                             | 166-175 (°C)                      | 174.78000 °C                      |
| Appearance (A111243)                                      | off-white to yellow to tan powder | off-white to yellow to tan powder |
| Solubility in hot H <sub>2</sub> O , very faint turbidity | pass                              | Pass                              |
| Infrared spectrum                                         | Conforms to Structure             | Conforms to Structure             |



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