

## Certificate of Analysis

Date of Testing: 2023-09-12 15:14:02

Date of Next Testing: 2026-09-11 15:14:02

Product Name: **4-(3-Pyrrolyl)butyric acid**

CAS Number: 30000-61-4

Specifications & Purity:  $\geq 94\%$

Lot #: I2304529

SKU # **P347698**

**Analysis:** **255859**

Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$

| Parameter                | Limit Values                | Result                      |
|--------------------------|-----------------------------|-----------------------------|
| Purity(HPLC area)        | 94-100 (%)                  | 94.76 %                     |
| NMR Spectrum 1H          | Conforms to Structure       | Conforms to Structure       |
| Appearance(P347698)      | White to tan to black solid | White to tan to black solid |
| LC-MS for identification | Conforms                    | Conforms                    |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager