

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-15 15:50:03  
 Date of Next Testing: 2025-05-04 15:50:03  
 Product Name: **Butyric anhydride**  
 CAS Number: 106-31-0  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: H2105134  
 SKU #: **B108974**  
 Version: **1**  
 Analysis #: **221319**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Density (20°C)                      | 0.966-0.969           | 0.96800               |
| Purity(GC)                          | 98-100 (%)            | 98.90100 %            |
| Purity(Morpholine Titration by HCl) | 97.5-102.5 (%)        | 99.75000 %            |
| Refractive index n <sub>20/D</sub>  | 1.412-1.415           | 1.41370               |
| Appearance (B108974)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager