

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2023-12-11 14:30:14  
Date of Next Testing: 2027-12-10 14:30:14  
Product Name: **Potassium tert-butoxide**  
CAS Number: 865-47-4  
Specifications & Purity: 95%  
Lot #: L2304325  
SKU #: **P111076**  
**Analysis:** **303616**  
Storage Temperature: Room temperature, Argon charged

| Parameter                                     | Limit Values              | Result                    |
|-----------------------------------------------|---------------------------|---------------------------|
| KOH + K <sub>2</sub> CO <sub>3</sub> (as KOH) | 0-2 (%)                   | 0.02600 %                 |
| Purity(Titration by HCl)                      | 94.5-105.5 (%)            | 99.41000 %                |
| Appearance (P111076)                          | White to Off-White Powder | White to Off-White Powder |
| Infrared spectrum                             | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager