

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

## Certificate of Analysis

Date of Testing: 2024-10-29 15:43:54  
Date of Next Testing: 2028-10-28 15:43:54  
Product Name: **Sodium tert-butoxide**  
CAS Number: 865-48-5  
Specifications & Purity:  $\geq 98\%$   
Lot #: J2423493  
SKU #: **S109392**  
Version: **1**  
Analysis #: **414336**  
Storage Temperature: Argon charged

| Parameter                    | Limit Values                                       | Result                                             |
|------------------------------|----------------------------------------------------|----------------------------------------------------|
| Purity(Nonaqueous Titration) | 97.5-102.5 (%)                                     | 99.90000 %                                         |
| Free Alkali (as NaOH)        | 0-2 (%)                                            | 1.50649 %                                          |
| Appearance (S109392)         | white to pale yellow Powder, Crystals and/or Chunk | white to pale yellow Powder, Crystals and/or Chunk |
| Infrared spectrum            | Conforms to Structure                              | Conforms to Structure                              |
| Proton NMR spectrum          | Conforms to Structure                              | Conforms to Structure                              |



John Su  
QA & QC Manager