

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-03 16:53:31  
 Date of Next Testing: 2030-04-02 16:53:31  
 Product Name: **BIS-TRIS**  
 CAS Number: 6976-37-0  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: C2627279  
 SKU #: **B105639**  
 Version: **1**  
 Analysis #: **688305**  
 Storage Temperature: Room temperature

| Parameter               | Limit Values                     | Result                           |
|-------------------------|----------------------------------|----------------------------------|
| pKa (25 °C)             | 6.45-6.65                        | 6.50000                          |
| Iron(Fe)                | 0-0.0005 (%)                     | 0.00000 %                        |
| Purity(HPLC)            | 98-100 (%)                       | 100.00000 %                      |
| 280 nm(1M in water )    | 0-0.04                           | 0.02000                          |
| Melting point           | 102-106 (°C)                     | 105.47000 °C                     |
| Purity(Titration)       | 98.5-101.5 (%)                   | 98.78000 %                       |
| Insoluble matter in H2O | 0-0.01 (%)                       | 0.00000 %                        |
| Loss on drying          | 0-1 (%)                          | 0.23700 %                        |
| PH (1 %; Water)         | 8.8-9.6                          | 9.20000                          |
| UV Absorbance 340nm     | 0-0.02                           | 0.01900                          |
| Heavy metal (as Pb)     | 0-0.0003 (%)                     | 0.00010 %                        |
| Appearance (B105639)    | colorless to white crystal solid | colorless to white crystal solid |
| Infrared spectrum       | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager