

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-14 09:35:01
Date of Next Testing: 2028-06-13 09:35:01
Product Name: **BIS-TRIS propane**
CAS Number: 64431-96-5
Specifications & Purity: 99%
Lot #: F2405225
SKU #: **B105640**
Version: **1**
Analysis #: **369158**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|--------------------------------------------------------|--------------------------|--------------------------|
| Water by Karl Fischer | 0-0.2 (%) | 0.18 % |
| Melting point | 165-167 (°C) | 165.43000 °C |
| Heavy metal (as Pb) | 0-5 (ppm) | 0.00 ppm |
| Purity(Neutralization titration) | 99-101 (%) | 100.20 % |
| Proton NMR Spectrum(Tris (Hydroxymethyl) Aminomethane) | 0-0.5 (%) | 0.00 % |
| UV Absorbance 290nm(30%W/V,H2O) | 0-0.05 | 0.01500 |
| Appearance (B105640) | White Powder or Crystals | White Powder or Crystals |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in H2O , Colorless Clear,30% (w/w) | pass | Pass |



John Su
QA & QC Manager