

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-10 13:56:57  
 Date of Next Testing: 2029-11-09 13:56:57  
 Product Name: **BOP Reagent(BOP)**  
 CAS Number: 56602-33-6  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: J2531462  
 SKU #: **B106161**  
 Version: **1**  
 Analysis #: **390110**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                 | Limit Values                    | Result                          |
|-----------------------------------------------------------|---------------------------------|---------------------------------|
| Carbon by Elemental Analysis                              | 31.4-33.1 (%)                   | 32.58000 %                      |
| Nitrogen by Elemental Analysis                            | 18.1-19.5 (%)                   | 18.83000 %                      |
| Absorbance(0.02g/L, CH <sub>3</sub> CN, 253.0 - 257.0 nm) | $\geq 0.28$                     | 0.33800                         |
| Purity(HPLC)                                              | 98-100 (%)                      | 100.00000 %                     |
| Appearance (B106161)                                      | White to Tan Powder or Crystals | White to Tan Powder or Crystals |
| Infrared spectrum                                         | Conforms to Structure           | Conforms to Structure           |
| Proton NMR spectrum                                       | Conforms to Structure           | Conforms to Structure           |



John Su  
QA & QC Manager