

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-11 11:00:12

Date of Next Testing: 2027-08-10 11:00:12

Product Name: **BOP Reagent(BOP)**

CAS Number: 56602-33-6

Specifications & Purity:  $\geq 98\%$

Lot #: H2304209

SKU #: **B106161**

Version: **1**

Analysis #: **253054**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                 | Limit Values                    | Result                          |
|-----------------------------------------------------------|---------------------------------|---------------------------------|
| Carbon by Elemental Analysis                              | 31.4-33.1 (%)                   | 32.30000 %                      |
| Nitrogen by Elemental Analysis                            | 18.1-19.5 (%)                   | 18.83000 %                      |
| Absorbance(0.02g/L, CH <sub>3</sub> CN, 253.0 - 257.0 nm) | $\geq 0.28$                     | 0.29900                         |
| Purity(HPLC)                                              | 98-100 (%)                      | 99.54000 %                      |
| 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