

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-09 13:46:27  
 Date of Next Testing: 2029-10-08 13:46:27  
 Product Name: **Aerosol OT (AOT)**  
 CAS Number: 577-11-7  
 Specifications & Purity: Moligand™, ≥96%  
 Lot #: I2524099  
 SKU #: **A106730**  
 Version: **0**  
 Analysis #: **566005**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                       | Limit Values                                                                            | Result                                                                                  |
|---------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Purity (Phase splitting method) | 96-100 (%)                                                                              | 99.13800 %                                                                              |
| Ignition Residue (as sulfate)   | 15.2-16.8 (%)                                                                           | 16.55495 %                                                                              |
| Loss on drying                  | 0-5 (%)                                                                                 | 0.49391 %                                                                               |
| Appearance (A106730)            | White Sticky Solid or Flakes or White to Light yellow to Light orange powder to crystal | White Sticky Solid or Flakes or White to Light yellow to Light orange powder to crystal |
| Proton NMR spectrum             | Conforms to Structure                                                                   | Conforms to Structure                                                                   |



John Su  
 QA & QC Manager