

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-23 15:31:03  
 Date of Next Testing: 2029-06-22 15:31:03  
 Product Name: **Sulfur trioxide pyridine complex**  
 CAS Number: 26412-87-3  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: F2519078  
 SKU #: **S106808**  
 Version: **0**  
 Analysis #: **456345**  
 Storage Temperature: Room temperature, Argon charged, Cool

| Parameter                                                          | Limit Values                                  | Result                                        |
|--------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Nitrogen by Elemental Analysis                                     | 8-9.3 (%)                                     | 8.73900 %                                     |
| Carbon by Elemental Analysis                                       | 36.1-38.2 (%)                                 | 37.15000 %                                    |
| Sulfur by Elemental Analysis                                       | 19-20.6 (%)                                   | 20.51800 %                                    |
| Appearance (S106808)                                               | White to Beige Powder, Crystals and/or Chunks | White to Beige Powder, Crystals and/or Chunks |
| Solubility in DMSO , Colorless to Yellow to Dark Brown, Clear, 10% | Conforms                                      | Conforms                                      |
| Infrared spectrum                                                  | Conforms to Structure                         | Conforms to Structure                         |



John Su  
 QA & QC Manager