

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-22 17:30:19  
 Date of Next Testing: 2024-07-21 17:30:19  
 Product Name: **2,4,5-Triphenylimidazole**  
 CAS Number: 484-47-9  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: G2221296  
 SKU #: **T138898**  
 Version: **0**  
 Analysis #: **116867**  
 Storage Temperature: Room temperature

| Parameter                                                                        | Limit Values                     | Result                           |
|----------------------------------------------------------------------------------|----------------------------------|----------------------------------|
| Purity(HPLC)                                                                     | 98-100 (%)                       | 98.54200 %                       |
| Purity(NonaqueousTitration)                                                      | 97.5-102.5 (%)                   | 98.50000 %                       |
| Appearance (T138898)                                                             | Off-White to Light Yellow Powder | Off-White to Light Yellow Powder |
| Infrared spectrum                                                                | Conforms to Structure            | Conforms to Structure            |
| Proton NMR spectrum                                                              | Conforms to Structure            | Conforms to Structure            |
| Solubility in CHCL3/MeOH (1/1) , Colorless to Faint Yellow-Green, Clear, 20mg/ml | pass                             | Pass                             |



John Su  
QA & QC Manager