

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-14 13:44:17  
 Date of Next Testing: 2026-10-13 13:44:17  
 Product Name: **2,4,6-Tris(2-pyridyl)-s-triazine (TPTZ)**  
 CAS Number: 3682-35-7  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: J2211120  
 SKU #: **T106623**  
 Version: **0**  
 Analysis #: **110651**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                 | Limit Values                                   | Result                                         |
|---------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------|
| Water by Karl Fischer                                                     | 0-0.5 (%)                                      | 0.30000 %                                      |
| Sulfate Ash                                                               | 0-0.1 (%)                                      | 0.05000 %                                      |
| Melting point                                                             | 248-252 (°C)                                   | 250.11000 °C                                   |
| Purity(HPLC)                                                              | 99-100 (%)                                     | 99.17100 %                                     |
| Appearance (T106623)                                                      | White to Yellow to Beige<br>Powder or Crystals | White to Yellow to Beige<br>Powder or Crystals |
| Infrared spectrum                                                         | Conforms to Structure                          | Conforms to Structure                          |
| Sensitivity to iron                                                       | pass                                           | Pass                                           |
| Solubility in MeOH , Yellow to very deep greenish-yellow, clear, 100mg/ml | pass                                           | Pass                                           |



John Su  
QA & QC Manager