

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-03 17:15:59

Date of Next Testing: 2026-03-02 17:15:59

Product Name: **2,4,6-Tris(2-pyridyl)-s-triazine (TPTZ)**

CAS Number: 3682-35-7

Specifications & Purity:  $\geq 99\%$

Lot #: B2226163

SKU #: **T106623**

Version: **0**

Analysis #: **063065**

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

| Parameter                                                                 | Limit Values                                   | Result                                         |
|---------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------|
| Water by Karl Fischer                                                     | 0-0.5 (%)                                      | 0.13000 %                                      |
| Sulfate Ash                                                               | 0-0.1 (%)                                      | 0.05800 %                                      |
| Melting point                                                             | 248-252 (°C)                                   | 251.25000 °C                                   |
| Purity(HPLC)                                                              | 99-100 (%)                                     | 99.31700 %                                     |
| 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