

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-23 17:09:56  
 Date of Next Testing: 2027-04-23 17:09:56  
 Product Name: **5-(4-Nitrophenyl)-1H-tetrazole**  
 CAS Number: 16687-60-8  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: D2418269  
 SKU #: **N191409**  
 Version: **1**  
 Analysis #: **337990**  
 Storage Temperature: Room temperature

| Parameter            | Limit Values                                                                                   | Result                                                                                         |
|----------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Assay(HPLC)          | 97-100 (%)                                                                                     | 99.54200 %                                                                                     |
| Melting point        | 215-220 (°C)                                                                                   | 218.91000 °C                                                                                   |
| Appearance (N191409) | Pale yellow to yellow to orange to pale brown<br>Crystals or powder or fused solid or granules | Pale yellow to yellow to orange to pale brown<br>Crystals or powder or fused solid or granules |
| Proton NMR spectrum  | Conforms to structure                                                                          | Conforms to Structure                                                                          |



John Su  
QA & QC Manager