

## Certificate of Analysis

Date of Testing: 2025-03-11 15:47:09  
 Date of Next Testing: 2028-03-10 15:47:09  
 Product Name: **5-(4-Nitrophenyl)-1H-tetrazole**  
 CAS Number: 16687-60-8  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: F2214071  
 SKU #: **N191409**  
 Version: **1**  
 Analysis #: **480231**  
 Storage Temperature: Room temperature

| Parameter            | Limit Values                                                                                   | Result                                                                                         |
|----------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Assay(HPLC)          | 97-100 (%)                                                                                     | 99.77 %                                                                                        |
| Melting point        | 215-220 (°C)                                                                                   | 218.22800 °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                                                                          |



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QA & QC Manager