

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-06 08:31:33  
 Date of Next Testing: 2027-09-06 08:31:33  
 Product Name: **1,2,3,4-Tetrahydroquinoxaline**  
 CAS Number: 3476-89-9  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: H2528077  
 SKU #: **T138703**  
 Version: **1**  
 Analysis #: **571636**  
 Storage Temperature: Protected from light, Room temperature, Argon charged

| Parameter           | Limit Values                                                                | Result                                                                      |
|---------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Purity(GC)          | 98-100 (%)                                                                  | 98.65400 %                                                                  |
| Melting point       | 92-102 (°C)                                                                 | 98.63800 °C                                                                 |
| NMR Spectrum 1H     | Conforms to Structure                                                       | Conforms to Structure                                                       |
| Appearance(T138703) | White to Yellow to Brown to Orange Solid,<br>Powder, Crystals and/or Chunks | White to Yellow to Brown to Orange Solid,<br>Powder, Crystals and/or Chunks |



John Su  
QA & QC Manager