

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-28 15:03:54  
 Date of Next Testing: 2029-08-27 15:03:54  
 Product Name: **N-(Diphenylmethylene)aminoacetonitrile**  
 CAS Number: 70591-20-7  
 Specifications & Purity:  $\geq 98\%$ (GC)  
 Lot #: A1819065  
 SKU #: **D102432**  
 Version: **1**  
 Analysis #: **560648**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                             | Limit Values                                        | Result                                              |
|-----------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| Nitrogen by Elemental Analysis                                        | 12.4-13 (%)                                         | 12.68000 %                                          |
| Purity(GC)                                                            | 98-100 (%)                                          | 99.60000 %                                          |
| Melting point                                                         | 83-87 (°C)                                          | 85.00000 °C                                         |
| Carbon by Elemental Analysis                                          | 79.7-83.8 (%)                                       | 83.00000 %                                          |
| Appearance (D102432)                                                  | White to yellow to reddish yellow crystal or powder | White to yellow to reddish yellow crystal or powder |
| Solubility in 95% EtOH , Colorless to Light Yellow Clear ,c = 50mg/ml | pass                                                | Pass                                                |
| Proton NMR spectrum                                                   | Conforms to structure                               | Conforms to Structure                               |



John Su  
QA & QC Manager