

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-17 14:47:39

Date of Next Testing: 2029-07-16 14:47:39

Product Name: **Diantipyryl methane**

CAS Number: 1251-85-0

Specifications & Purity:  $\geq 98\%$

Lot #: G2508071

SKU #: **D105754**

Version: **0**

Analysis #: **510147**

Storage Temperature: Room temperature

| Parameter                          | Limit Values                                 | Result                                       |
|------------------------------------|----------------------------------------------|----------------------------------------------|
| Purity(HPLC)                       | 98-100 (%)                                   | 99.35100 %                                   |
| Purity(NonaqueousTitration)        | 98-102 (%)                                   | 98.90000 %                                   |
| 2,3-Dimethyl-1-phenyl-5-pyrazolone | 0-1 (%)                                      | 0.60000 %                                    |
| Appearance (D105754)               | White to Off-White Powder or Solid or Chunks | White to Off-White Powder or Solid or Chunks |
| Sensitivity to titanium            | pass                                         | Pass                                         |
| Solubility in dilute HCl           | almost transparency                          | almost transparency                          |
| Infrared spectrum                  | Conforms to Structure                        | Conforms to Structure                        |
| Proton NMR spectrum                | Conforms to Structure                        | Conforms to Structure                        |



John Su  
QA & QC Manager