

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-09 22:46:53

Date of Next Testing: 2027-04-08 22:46:53

Product Name: **Diantipyryl methane**

CAS Number: 1251-85-0

Specifications & Purity: $\geq 98\%$

Lot #: D2306075

SKU #: **D105754**

Version: **0**

Analysis #: **116441**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	98-102 (%)	99.30000 %
2,3-Dimethyl-1-phenyl-5-pyrazolone	0-1 (%)	0.47000 %
Purity(HPLC)	98-100 (%)	98.01000 %
Appearance (D105754)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Sensitivity to titanium	pass	Pass
Solubility in dilute HCl	almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager