

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-12 18:10:30

Date of Next Testing: 2027-07-11 18:10:30

Product Name: **1,1'-(Azodicarbonyl)dipiperidine**

CAS Number: 10465-81-3

Specifications & Purity: >98.0%

Lot #: G2308426

SKU #: **A120043**

Analysis: **199263**

| Parameter            | Limit Values                                                                          | Result                                                                                |
|----------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Melting point        | 130-138 (°C)                                                                          | 136.40000 °C                                                                          |
| Purity(HPLC)         | 98-100 (%)                                                                            | 99.55400 %                                                                            |
| Appearance (A120043) | Light Yellow to Very Dark Yellow to Brown<br>Powder or Crystals or Crystalline powder | Light Yellow to Very Dark Yellow to Brown<br>Powder or Crystals or Crystalline powder |
| Proton NMR spectrum  | Conforms to Structure                                                                 | Conforms to Structure                                                                 |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager