

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-26 19:07:11

Date of Next Testing: 2027-06-25 19:07:11

Product Name: **Diphenyl guanidine**

CAS Number: 102-06-7

Specifications & Purity: 97%

Lot #: F23161089

SKU #: **D109220**

Version: **0**

Analysis #: **057532**

| Parameter            | Limit Values              | Result                    |
|----------------------|---------------------------|---------------------------|
| Purity(HPLC)         | 97-100 (%)                | 98.77000 %                |
| Melting point        | 147-152 (°C)              | 147.38000 °C              |
| Appearance (D109220) | White to Off-White Powder | White to Off-White Powder |
| Proton NMR spectrum  | Conforms to Structure     | Conforms to Structure     |
| Solubility in EtOH   | pass                      | Pass                      |

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

John Su  
QA & QC Manager