

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-01 09:32:33

Date of Next Testing: 2027-11-30 09:32:33

Product Name: **Dicyclohexylamine nitrite**

CAS Number: 3129-91-7

Specifications & Purity:  $\geq 97\%$

Lot #: K2322132

SKU #: **D109081**

Version: **2**

Analysis #: **072304**

Storage Temperature: Store at 2-8°C

| Parameter                               | Limit Values              | Result                    |
|-----------------------------------------|---------------------------|---------------------------|
| Carbon by Elemental Analysis            | 60.9-65.3 (%)             | 61.86000 %                |
| Nitrogen by Elemental Analysis          | 11.8-12.7 (%)             | 12.14000 %                |
| Purity(Neutralization titration)        | 96.5-103.5 (%)            | 99.50000 %                |
| Purity(Titration by HClO <sub>4</sub> ) | 96.5-103.5 (%)            | 102.57000 %               |
| Appearance (D109081)                    | White to Off-White Powder | White to Off-White Powder |
| Infrared spectrum                       | Conforms to Structure     | Conforms to Structure     |
| Proton NMR spectrum                     | Conforms to Structure     | Conforms to Structure     |



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QA & QC Manager