

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-17 14:40:58

Date of Next Testing: 2025-08-16 14:40:58

Product Name: **4-Chloro-1-methylpiperidine**

CAS Number: 5570-77-4

Specifications & Purity:  $\geq 98\%$

Lot #: K2112590

SKU #: **N133495**

Version: **0**

Analysis #: **265361**

Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Density (20°C)                      | 1.015-1.019                      | 1.01690                          |
| Purity(GC)                          | 98-100 (%)                       | 99.10600 %                       |
| Refractive index n <sub>20</sub> /D | 1.467-1.471                      | 1.46850                          |
| Appearance (N133495)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                 | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager