

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-12 18:29:05  
 Date of Next Testing: 2029-08-11 18:29:05  
 Product Name: **Homopiperazine**  
 CAS Number: 505-66-8  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: H2507122  
 SKU #: **H106298**  
 Version: **1**  
 Analysis #: **396975**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                      | Limit Values                                 | Result                                       |
|--------------------------------|----------------------------------------------|----------------------------------------------|
| Purity(GC)                     | 98-100 (%)                                   | 99.24100 %                                   |
| Melting point                  | 41-45 (°C)                                   | 41.19000 °C                                  |
| Appearance (H106298)           | Colorless to White to Yellow Liquid or Solid | Colorless to White to Yellow Liquid or Solid |
| Proton NMR spectrum            | Conforms to Structure                        | Conforms to Structure                        |
| Solubility in H <sub>2</sub> O | Almost transparency                          | almost transparency                          |



John Su  
QA & QC Manager