

## Certificate of Analysis

Date of Testing: 2025-06-17 15:49:13  
Date of Next Testing: 2027-06-17 15:49:13  
Product Name: **1-(4-Fluorophenyl)piperazine**  
CAS Number: 2252-63-3  
Specifications & Purity:  $\geq 98\%$   
Lot #: H2322480  
SKU #: **W133117**  
Version: **0**  
Analysis #: **524860**  
Storage Temperature: Argon charged

| Parameter            | Limit Values                                      | Result                                            |
|----------------------|---------------------------------------------------|---------------------------------------------------|
| Purity(GC)           | 98-100 (%)                                        | 99.60 %                                           |
| Appearance (W133117) | Clear Colorless to yellowish liquid after melting | Clear Colorless to yellowish liquid after melting |
| Proton NMR spectrum  | Conforms to Structure                             | Conforms to Structure                             |



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QA & QC Manager