

## Certificate of Analysis

Date of Testing: 2024-06-25 17:28:56

Date of Next Testing: 2026-06-25 17:28:56

Product Name: **1-(4-Hydroxyphenyl)piperazine**

CAS Number: 56621-48-8

Specifications & Purity:  $\geq 98\%$

Lot #: F2421315

SKU #: **H134059**

Version: **0**

Analysis #: **336577**

Storage Temperature: Argon charged

| Parameter            | Limit Values                                                  | Result                                                        |
|----------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| Purity(HPLC)         | 98-100 (%)                                                    | 98.64000 %                                                    |
| Appearance (H134059) | White to Yellow or Pink to Brown<br>Powder,crystals or Chunks | White to Yellow or Pink to Brown<br>Powder,crystals or Chunks |
| Proton NMR spectrum  | Conforms to Structure                                         | Conforms to Structure                                         |



John Su  
QA & QC Manager