

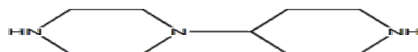
## Certificate of Analysis

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Product Name: 1-(Piperidin-4-yl)Piperazine  
Cat. No.: GF45955  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 142013-66-9  
Molecular Formula: C<sub>9</sub>H<sub>19</sub>N<sub>3</sub>  
Molecular Weight: 169.27  
Storage: Store at RT, away from moisture  
Chemical Structure:



### ANALYTICAL DATA

Appearance: A solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >90.00%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA