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## Certificate of Analysis

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Product Name: LP 20 hydrochloride  
Cat. No.: GC17044  
Batch No.: 1  
Chemical Name: 1-(4'-methoxy-[1,1'-biphenyl]-2-yl)piperazine hydrochloride

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 1386928-34-2  
Molecular Formula:  $C_{17}H_{20}N_2O.HCl$   
Molecular Weight: 304.81  
Storage: Desiccate at RT  
Chemical Structure:

### ANALYTICAL DATA

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
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.**

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