

## Certificate of Analysis

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Product Name: 4-(1-Pyrrolidinyl)-1-butylamine  
Cat. No.: GD19738  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 24715-90-0  
Molecular Formula: C<sub>8</sub>H<sub>18</sub>N<sub>2</sub>  
Molecular Weight: 142.242  
Storage: argon filling

Chemical Structure:



### ANALYTICAL DATA

Appearance: A solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98.00%  
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.**

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