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## Certificate of Analysis

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Product Name: H-DL-Dab•2HCl  
Cat. No.: GA10416  
Batch No.: 1  
Chemical Name: 2,4-diaminobutanoic acid dihydrochloride

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 65427-54-5  
Molecular Formula:  $C_4H_{10}N_2O_2 \cdot 2HCl$   
Molecular Weight: 191.1  
Storage:  
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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