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## Certificate of Analysis

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Product Name: Boc-Arg-OH.HCl.H<sub>2</sub>O  
Cat. No.: GA11339  
Batch No.: 1  
Chemical Name: 5-(diaminomethylideneamino)-2-[(2-methylpropan-2-yl)oxycarbonylamino]pentanoic acid;hydrate;hydrochloride

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 35897-34-8  
Molecular Formula: C<sub>11</sub>H<sub>22</sub>N<sub>4</sub>O<sub>4</sub>.HCl.H<sub>2</sub>O  
Molecular Weight: 328.8  
Storage: Desiccate at -20°C  
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.**

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

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