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**Certificate of Analysis**

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Product Name: Boc-Trp-OH  
Cat. No.: GA11241  
Batch No.: 1  
Chemical Name: (2S)-3-(1H-indol-3-yl)-2-[(2-methylpropan-2-yl)oxycarbonylamino]propanoic acid

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 13139-14-5  
Molecular Formula: C<sub>16</sub>H<sub>20</sub>N<sub>2</sub>O<sub>4</sub>  
Molecular Weight: 304.4  
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.**

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

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

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