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## Certificate of Analysis

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Product Name: Boc-4-oxo-Pro-OH  
Cat. No.: GA11231  
Batch No.: 1  
Chemical Name: (S)-1-(tert-butoxycarbonyl)-4-oxopyrrolidine-2-carboxylic acid

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 84348-37-8  
Molecular Formula: C<sub>10</sub>H<sub>15</sub>NO<sub>5</sub>  
Molecular Weight: 229.23  
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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