

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 03217  
**Lot Number** 000424-120201-37538  
**Product** **Boc-D-Prolinol**

(R)-Boc-2-pyrrolidinemethanol

**CAS Number** 83435-58-9  
**Molecular Formula** C<sub>10</sub>H<sub>19</sub>NO<sub>3</sub>

**Molecular Weight** 201.25

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**Appearance** White powder  
**Solubility** Clear solution (0.3 g in 2 mL DMF)  
**Melting Point** 58.9-61.0 °C  
**Water Content (Karl Fisher)** 0.76%  
**Optical Rotation** [α]<sub>D</sub><sup>25</sup> = +54.4° (C=1 in MeOH)  
**Infrared Spectrum** Conforms to structure  
**Analysis by Mass Spectra** Conforms to standard  
**<sup>1</sup>H NMR** Conforms to structure  
**Purity by HPLC** 98.09%  
**Storage** Store at 0-8 °C

**Remarks** See material safety data sheet for additional information  
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager