

## Certificate of Analysis

Date of Testing: 2023-04-25 13:31:25  
Date of Next Testing: 2025-04-24 13:31:25  
Product Name: **N-Boc-D-proline methyl ester**  
CAS Number: 73323-65-6  
Specifications & Purity: 95%  
Lot #: D2319355  
SKU #: **N135894**  
Analysis: **199786**

Parameter	Limit Values	Result
Purity	95-100 (%)	95.11 %
Specific Rotation [α] <sub>20</sub> /D(c=2 in CHCL <sub>3</sub> )	48-52 (°)	51.97°
Appearance (N135894)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager