

## Certificate of Analysis

Date of Testing: 2023-04-10 15:53:43  
Date of Next Testing: 2026-04-09 15:53:43  
Product Name: **N-(tert-Butoxycarbonyl)-D-serine  $\beta$ -Lactone**  
CAS Number: 126330-77-6  
Specifications & Purity: >98.0%(N)  
Lot #: C23311208  
SKU #: **N405465**  
**Analysis: 181222**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity( total nitrogen )	98-100 (%)	99.95 %
Specific Rotation[a] <sub>20</sub> /D(c=1 in Acetonitrile)	25-29 (°)	28.90°
NMR Spectrum 1H	conforms to structure	Conforms to Structure
Appearance(N405465)	White to Almost white powder to crystalline	White to Almost white powder to crystalline



John Su  
QA & QC Manager