

## Certificate of Analysis

Date of Testing: 2023-02-10 09:41:34  
Date of Next Testing: 2027-02-09 09:41:34  
Product Name: **L-Threonine Benzyl Ester Hydrochloride**  
CAS Number: 33645-24-8  
Specifications & Purity: 98%  
Lot #: B2303556  
SKU #: **S161110**  
**Analysis: 148158**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.61%
Specific Rotation [α] <sub>20</sub> /D(c=1 in EtOH)	-12~-10 (°)	-10.77°
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager