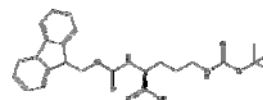


## Certificate Of Analysis

**Name:** Nalpha-Fmoc-Ndelta-Boc-L-ornithine  
**CAS No.:** 109425-55-0  
**Cat No.:** A802039  
**Batch No.:** N25082017  
**Mfg.Date:** 2017.08.25  
**Exp.Date:** 2019.08.24



Items	Specifications	Results
Appearance	White powder	Conforms
TLC	≥98%	>98%
Element analysis(C、H、N)	≤5%	<5%
Optical Purity	≤0.5% D-enantiomer	0.0192%
Specific Rotation[α] <sub>20 D</sub>	-8.0 ± 2.0 (C=1 in DMF)	-8.90 (C=1 in DMF)
Clarity of solution	0.3 gram in 2ml DMF clear solution	Conforms
Water Content(K.F.)	≤1.0%	0.84%
Loss on drying	≤1.0%(60°C, 2h)	0.46%
Purity	97%(MIN)	Conforms
Conclusion	The product tested complies with the specifications.	

**Storage condition: Store in a tightly closed container in a cool and dry place.**

Checker:

.....  
 \* if you have any comments and suggestions, please contact us by [sales@amadischem.com](mailto:sales@amadischem.com)