

Certificate of Analysis

Date of Testing: 2025-08-13 15:48:24

Date of Next Testing: 2028-08-12 15:48:24

Product Name: **Boc-L-glutamic acid -gamma-tert-butyl ester alpha-N-hydroxysuccinimide ester**

CAS Number: 32886-55-8

Specifications & Purity: $\geq 96\%$

Lot #: J2217216

SKU #: **B356849**

Version: **2**

Analysis #: **552667**

Parameter	Limit Values	Result
Purity(HPLC)	96-100 (%)	96.70000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$	-22~-17 (°)	-19.30 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Mass spectrum	Conforms to standard	Conforms to standard



John Su
QA & QC Manager