

Certificate of Analysis

Date of Testing: 2024-07-23 14:14:22

Date of Next Testing: 2028-07-22 14:14:22

Product Name: **Methyl Boc-L-Pyroglutamate**

CAS Number: 108963-96-8

Specifications & Purity: 98%

Lot #: G2417399

SKU #: **M124462**

Version: **0**

Analysis #: **344098**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	52.4-56.2 (%)	53.28 %
Purity(HPLC)	98-100 (%)	99.69000 %
Nitrogen by Elemental Analysis	5.6-6 (%)	5.77 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in CHCl}_3)$	-38--26 (°)	-31.64 °
Appearance (M124462)	white to yellow-brown powder or crystals	white to yellow-brown powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager