

Certificate of Analysis

Date of Testing: 2022-03-26 10:33:08

Date of Next Testing: 2026-03-25 10:33:08

Product Name: **dimethyl(tert-butoxycarbonyl)-D-glutamate**

CAS Number: 130622-05-8

Specifications & Purity: $\geq 98\%$

Lot #: C2224385

SKU #: **D401706**

Version **1**

Analysis #: **078181**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.44100 %
specific rotation $[\alpha]_{20/D(C=1, MeOH)}$	24.5-29.5 (°)	27.24100°
Appearance (D401706)	white to off-white powder	White to Off-White Powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager