

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-31 12:10:58
Date of Next Testing: 2027-05-31 12:10:58
Product Name: **D-Glutamic acid 1-tert-butyl ester**
CAS Number: 25456-76-2
Specifications & Purity: $\geq 98.0\%$
Lot #: E2429444
SKU #: **H651333**
Version: **1**
Analysis #: **359016**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.79%
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	-14.8~-10.8 ($^{\circ}$)	-13.93 $^{\circ}$
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager