

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-16 09:27:05

Date of Next Testing: 2028-06-15 09:27:05

Product Name: (R)-4-(tert-Butoxy)-3-((tert-butoxycarbonyl)amino)-4-oxobutanoic acid

CAS Number: 77004-75-2

Specifications & Purity: $\geq 98\%$

Lot #: F2509644

SKU #: R194989

Version: 1

Analysis #: 440324

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	100.00 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	24-28 (°)	24.71 °
Appearance(R194989)	White to off-white Solid	White to off-white solid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager