

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-18 15:29:13

Date of Next Testing: 2026-09-17 15:29:13

Product Name: 4-(4-(tert-Butoxycarbonyl)piperazin-1-yl)-4-oxobutanoic acid

CAS Number: 288851-44-5

Specifications & Purity: $\geq 97\%$

Lot #: I2312514

SKU #: T588582

Version: 1

Analysis #: 269427

Storage Temperature: Store at 2-8°C, Desiccated

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	98.98100 %
LC-MS for identification	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager