

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-11 14:20:22

Date of Next Testing: 2027-10-11 14:20:22

Product Name: (2R) -2,4-Morpholine dicarboxylic acid 4-tert butyl ester

CAS Number: 884512-77-0

Specifications & Purity: $\geq 97\%$

Lot #: J2409839

SKU #: R195541

Version: 1

Analysis #: 372070

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	99.29200 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in MeOH})}$	-54.4~-50.4 (°)	-50.50000 °
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager