

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-12-16 18:09:50

Date of Next Testing: 2028-12-15 18:09:50

Product Name: **1-tert-butyl 2-methyl (2R,4S)-4-hydroxypiperidine-1,2-dicarboxylate**

CAS Number: 321744-26-7

Specifications & Purity:  $\geq 97\%$

Lot #: L2511688

SKU #: **T635879**

Version: **2**

Analysis #: **593071**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter                                                | Limit Values          | Result                |
|----------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                             | 97-100 (%)            | 99.86100 %            |
| Specific rotation $[\alpha]_{20/D}(C=1 \text{ in MEOH})$ | 22-30 (°)             | 29.15100°             |
| Proton NMR spectrum                                      | Conforms to Structure | Conforms to Structure |
| LC-MS for identification                                 | Conforms              | Conforms              |



John Su  
QA & QC Manager