

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-18 15:07:51  
 Date of Next Testing: 2027-06-18 15:07:51  
 Product Name: (S)-Methyl 2,3-dihydroxypropanoate  
 CAS Number: 10303-88-5  
 Specifications & Purity: ≥97%  
 Lot #: K1807113  
 SKU #: S178884  
 Version: 0  
 Analysis #: 371142  
 Storage Temperature: Room temperature

| Parameter                                                             | Limit Values             | Result                   |
|-----------------------------------------------------------------------|--------------------------|--------------------------|
| Purity(HPLC)                                                          | 97-100 (%)               | 97.01500 %               |
| Specific Rotation [α] <sub>25</sub> /D(c=1.125 in CHCL <sub>3</sub> ) | -11--9 (°)               | -10.98300 °              |
| Appearance (S178884)                                                  | light yellow oily matter | light yellow oily matter |
| Proton NMR spectrum                                                   | Conforms to Structure    | Conforms to Structure    |



John Su  
QA & QC Manager