

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-14 12:48:31

Date of Next Testing: 2026-12-13 12:48:31

Product Name: **(R)-9-(2-Hydroxypropyl)adenine**

CAS Number: 14047-28-0

Specifications & Purity:  $\geq 98\%$ (HPLC)(T)

Lot #: L2209778

SKU #: **R160968**

Version: **0**

Analysis #: **144186**

Storage Temperature: Room temperature, Argon charged

| Parameter                                                | Limit Values          | Result                |
|----------------------------------------------------------|-----------------------|-----------------------|
| Melting point                                            | 198-202 (°C)          | 198.82000 °C          |
| Purity(Nonaqueous Titration)                             | 97.5-102.5 (%)        | 100.32400 %           |
| Purity(HPLC)                                             | 98-100 (%)            | 99.54400 %            |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$ | -45--40 (°)           | -45.00000 °           |
| Proton NMR spectrum                                      | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager