

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-07 10:00:46

Date of Next Testing: 2024-02-25 10:00:46

Product Name: **(R)-(-)-BNP acid**

CAS Number: 39648-67-4

Specifications & Purity:  $\geq 98\%$

Lot #: C2201305

SKU #: **B107410**

Version: **1**

Analysis #: **073056**

Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                                                | Limit Values             | Result                   |
|----------------------------------------------------------|--------------------------|--------------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$ | -610--590 ( $^{\circ}$ ) | -608.15700 $^{\circ}$    |
| Purity(Neutralization titration)                         | 97.5-102.5 (%)           | 99.59000 %               |
| Appearance (B107410)                                     | White Powder or Crystals | White Powder or Crystals |
| Infrared spectrum                                        | Conforms to Structure    | Conforms to Structure    |
| Solubility in MeOH                                       | almost transparency      | almost transparency      |



John Su  
QA & QC Manager