

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-11 09:12:16  
Date of Next Testing: 2027-07-10 09:12:16  
Product Name: **N-Benzoyladenosine**  
CAS Number: 4546-55-8  
Specifications & Purity: 97%  
Lot #: K1520096  
SKU #: **B119477**  
Analysis: **249612**

| Parameter  | Limit Values                          | Result                                |
|--|---------------------------------------|---------------------------------------|
| Specific Rotation [a] <sub>D</sub> 20/D(c=1 in DMSO) | -50--46 (°)                           | -48.20 °                              |
| Water by Karl Fischer                                | 0-8 (%)                               | 3.65 %                                |
| Purity(HPLC)   | 97-100 (%)                            | 98.56600 %                            |
| Purity(Neutralization titration)                     | 96.5-100 (%)                          | 98.50 %                               |
| Appearance (B119477)                                 | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Infrared spectrum                                    | Conforms to Structure                 | Conforms to Structure                 |
| Proton NMR spectrum                                  | Conforms to Structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager