

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-03 11:33:32  
 Date of Next Testing: 2026-08-02 11:33:32  
 Product Name: **DMT-2'-O-TBDMS-rG(ib) Phosphoramidite**  
 CAS Number: 147201-04-5  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: G2329438  
 SKU #: **I191003**  
 Version: **1**  
 Analysis #: **241640**  
 Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter                | Limit Values                                      | Result                                            |
|--------------------------|---------------------------------------------------|---------------------------------------------------|
| Purity(HPLC area)        | 95-100 (%)                                        | 95.82800 %                                        |
| LC-MS for identification | Conforms                                          | Conforms                                          |
| Appearance(I191003)      | White to Light yellow to Yellow Solid or Crystals | White to Light yellow to Yellow Solid or Crystals |
| NMR Spectrum 1H          | Conforms to structure                             | Conforms to Structure                             |



John Su  
QA & QC Manager