



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-218317  
Lot Number: SAMPLE  
Product Name: Entecavir-13C2, 15N  
CAS Number: 142217-69-4 (unlabeled)  
Molecular Formula:  $C_{10}(^{13}C)_2H_{15}N_4(^{15}N)_1O_3$   
Molecular Weight: 280.26  
Native Source: Synthetic

| Test                               | Result                                               |
|------------------------------------|------------------------------------------------------|
| Appearance                         | White Solid                                          |
| Identification (1H-NMR)            | Complies                                             |
| Identification (13C-NMR)           | Complies                                             |
| Identification (15N-NMR)           | Complies                                             |
| Identification (Mass Spectrometry) | Complies                                             |
| Isotopic Purity                    | 99.9 %                                               |
| Purity (TLC)                       | 98 %                                                 |
| Atmosphere                         | Air                                                  |
| Melting Point                      | 238 - 240 °C (dec.)                                  |
| Solubility                         | DMSO (Slightly), Methanol (Very Slightly, Sonicated) |
| Specific Rotation                  | +34.0 ° (c = 0.2, Methanol)                          |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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