

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-14 18:53:01  
Date of Next Testing: 2025-03-13 18:53:01  
Product Name: **D-Glucose-<sup>13</sup>C<sub>6</sub>**  
CAS Number: 110187-42-3  
Specifications & Purity:  $\geq 99$  atom % <sup>13</sup>C,  $\geq 98\%$  (CP)  
Lot #: C2211350  
SKU #: **D346444**  
**Analysis:** **077669**  
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.00000 %
Melting point	144-151 (°C)	150.00000 °C
D-GLUCOSE (U- <sup>13</sup> C <sub>6</sub> )	99-100 (%)	99.00000 %
Appearance(D346444)	White to Colorless to Light Yellow Powder	White to Colorless to Light Yellow Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager