

## Certificate of Analysis

Date of Testing: 2024-03-27 11:41:22  
Date of Next Testing: 2027-03-27 11:41:22  
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 #: C2421288  
SKU #: **D346444**  
**Analysis:** **325049**  
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.50000 %
Melting point	145-153 (°C)	147.20000 °C
D-GLUCOSE (U- <sup>13</sup> C <sub>6</sub> )	99-100 (%)	99.00000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(D346444)	White to Colorless to Light Yellow Powder	White to Colorless to Light Yellow Powder



John Su  
QA & QC Manager