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## Product Specification

Product Name:

D-Glucose-<sup>13</sup>C<sub>6</sub> - ≥99 atom % <sup>13</sup>C, ≥99% (CP)

Product Number:

389374

CAS Number:

110187-42-3

MDL:

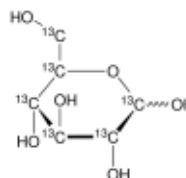
MFCD00037544

Formula:

13C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>

Formula Weight:

186.05 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Appearance of Solution (Color)	Colorless to Light Yellow
Water (by Karl Fischer)	≤ 0.5 %
Purity (HPLC)	≥ 99.0 %
Optical Rotation	
+/-1% of the Standard's Rotation	
Optical Rotation-Standard	
Proton NMR Spectrum	Conforms
Carbon NMR Spectrum	Conforms
<sup>13</sup> C Enrichment	≥ 99.0 %

Specification: PRD.0.ZQ5.10000076606

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.