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## Product Specification

Product Name:

D-(+)-Glucose - powder, BioReagent, suitable for cell culture, suitable for insect cell culture, suitable for plant cell culture, ≥99.5%

Product Number:

**G7021**

CAS Number:

50-99-7

MDL:

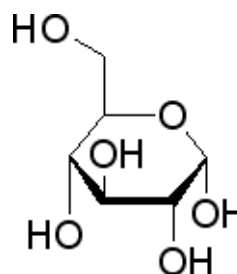
MFCD00063774

Formula:

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

Formula Weight:

180.16 g/mol

**TEST****Specification**

Appearance (Color)

White

Appearance (Form)

Powder

Solubility (Color)

Colorless

Solubility (Turbidity)

Clear

2 g + 15 mL, H<sub>2</sub>O

Specific Rotation

51 - 55 °

c = 10 in 0.2% NH<sub>4</sub>OH, 25 deg C

Purity (GC)

≥ 99.5 %

Cell Culture Test

Pass

Insect Cell Test

Pass

Plant Cell Culture Test

Pass

Recommended Retest Period

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6 years

Specification: PRD.0.ZQ5.10000019813

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.