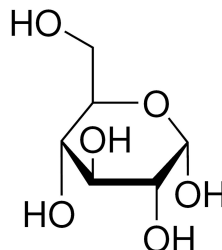


## Product Specification

Product Name :	D-(+)-Glucose suitable for mouse embryo cell culture, ≥99.5% (GC)
Product Number:	G6152
CAS Number:	50-99-7
MDL Number :	MFCD00063774
Molecular 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 Note: The material may produce a yellowish solution if prepared at a higher concentration than 2 g + 15ml	
Specific Rotation	52.5 - 53.0 °
c = 10 in 0.2% NH <sub>4</sub> OH at 25 deg C	
Embryo Test	≥ 80%
Single cell embryos reach blastocyst stage	
Purity (GC)	≥ 99.5%
Total Glucose	
Recommended Retest Period	-----
6 years	

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.

Version Number: PRP.00.ZQ5.1143315

Page 1 of 1

The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact [mlsbranding@sial.com](mailto:mlsbranding@sial.com)

