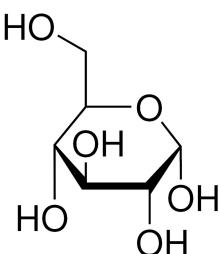


Product Specification

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 ₆ H ₁₂ O ₆
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 ₂ O Note: The material may produce a yellowish solution if prepared at a higher concentration than 2 g + 15ml	
Specific Rotation c = 10 in 0.2% NH ₄ OH at 25 deg C	52.5 - 53.0 °
Embryo Test Single cell embryos reach blastocyst stage	≥ 80%
Purity (GC) Total Glucose	≥ 99.5%
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. 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

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