

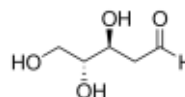
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## Product Specification

Product Name:  
2-Deoxy-D-ribose – suitable for cell culture, BioReagent

**Product Number:** D5899  
**CAS Number:** 533-67-5  
**MDL:** MFCD00135904  
**Formula:** C<sub>5</sub>H<sub>10</sub>O<sub>4</sub>  
**Formula Weight:** 134.13 g/mol  
**Storage Temperature:** 2 - 8 °C



TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Light Yellow
Solubility (Turbidity)	Clear to Slightly Hazy
100 mg/mL in H <sub>2</sub> O	
Specific Rotation	-58.0 - -54.0 °
C = 1 in H <sub>2</sub> O at 20 deg C	
Purity (GC)	≥ 99 %
Cell Culture Test	Pass

Specification: PRD.1.ZQ5.10000053138

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.