

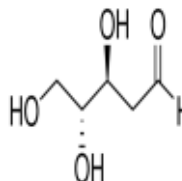
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Product Specification

Product Name:
2-Deoxy-D-ribose - $\geq 99.0\%$ (TLC)

Product Number: 31170
CAS Number: 533-67-5
Formula: C₅H₁₀O₄
Formula Weight: 134.13 g/mol
Storage Temperature: 2 - 8 °C



TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder or Crystals
Purity (TLC)	$\geq 99.0\%$
Specific Rotation (20/D) $c = 1$ in Water 24h	-58.0 - -54.0 deg
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity) 1g in 10ml Water	Clear to Slightly Hazy
Loss on Drying	$\leq 1.0\%$
Sulphated Ash	$\leq 0.5\%$
Infrared Spectrum	Conforms to Structure

Specification: PRE.0.ZQ5.10000026404

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.

