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## Product Specification

Product Name:

RPMI-1640 Medium - With L-glutamine, without sodium bicarbonate, powder, suitable for cell culture

Product Number: **R6504**

MDL: MFCD00217820

Storage Temperature: 2 - 8 °C

TEST	Specification
Osmolality with 2.0 g/L NaHCO <sub>3</sub>	265 - 293 mOs/kg
Osmolality	225 - 249 mOs/kg
Total Glucose	17.3 - 21.1 %
Water (by Karl Fischer)	≤ 2.0 %
pH with 2.0 g/L NaHCO <sub>3</sub>	7.8 - 8.4
pH	7.8 - 8.4
Solubility (Turbidity)	Clear
Solubility (Form)	Solution
at 10.4 g/L H <sub>2</sub> O after pH adjustment to 4.0 with 1N HCl	
Cell Culture Test	Pass
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Endotoxin Level	≤ 1.0 EU/ml
at 1X	

Specification: PRD.0.ZQ5.10000039081

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.