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## Product Specification

Product Name:

RPMI-1640 Medium – AutoMod™, without L-glutamine and sodium bicarbonate, powder, suitable for cell culture

Product Number:

R7755

MDL:

MFCD00217820

Storage Temperature:

2 - 8 °C

TEST	Specification
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Origin	Non-Animal Source
Osmolality with 2.0 g/L NaHCO <sub>3</sub>	267 - 296 mOs/kg
Osmolality	226 - 250 mOs/kg
Total Glucose	17.6 - 21.4 %
Water (by Karl Fischer)	≤ 2.0 %
pH with 2.0 g/L NaHCO <sub>3</sub>	6.6 - 7.2
pH	7.1 - 7.7
Solubility (Turbidity)	Clear
Solubility (Form) at 10.3 g/L in H <sub>2</sub> O after pH adjustment to 4.0 with 1N HCl	Solution
Cell Culture Test	Pass
Appearance (Color)	Off-White
Appearance (Form)	Powder
Endotoxin Level at 1x	≤ 1.0 EU/ml

Specification: PRD.0.ZQ5.10000039083

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.