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## Product Specification

Product Name:

RPMI-1640 Medium – Hybri-Max™, Modified, with L-glutamine, 4500 mg/L glucose and 15mM HEPES, without sodium bicarbonate, powder, suitable for hybridoma

Product Number: **R8005**

MDL: MFCD00217820

Storage Temperature: 2 - 8 °C

TEST	Specification
Origin	Non-Animal Source
Osmolality with 2.0 g/L NaHCO <sub>3</sub>	295 - 320 mOs/kg
Osmolality	253 - 278 mOs/kg
Total Glucose	24.8 - 30.3 %
Cloning Assay	Pass
Water (by Karl Fischer)	≤ 2.0 %
pH with 2.0 g/L NaHCO <sub>3</sub>	6.7 - 7.3
pH	6.4 - 7.0
Solubility (Turbidity)	Clear
Solubility (Form)	Solution
with no particulates or precipitates at 16.4 g/L	
Cell Culture Test	Pass
Appearance (Color)	Off-White
Appearance (Form)	Powder
Endotoxin Level at 1x	≤ 0.5 EU/ml

Specification: PRD.0.ZQ5.10000039084

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.