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Product Specification

Product Name:

RPMI-1640 Medium – HEPES Modification, with L-glutamine and 25mM HEPES, without sodium bicarbonate, powder, suitable for cell culture

Product Number:

R4130

MDL:

MFCD00217820

Storage Temperature:

2 - 8 °C

TEST	Specification
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Origin	Non-Animal Source
Osmolality	247 - 273 mOs/kg
Osmolality w/2.0g/L NaHCO ₃	277 - 307 mOs/kg
Total Glucose	11.0 - 13.5 %
Water (by Karl Fischer)	≤ 2.0 %
pH	6.4 - 7.0
pH w/2.0g/L NaHCO ₃	6.7 - 7.3
Solubility (Turbidity)	Clear
Solubility (Form)	Solution
at 16.4g/L in H ₂ O	
Cell Culture Test	Pass
Appearance (Color)	Off-White
Appearance (Form)	Powder
Endotoxin Level	≤ 1.0 EU/ml
at 1X	

Specification: PRD.0.ZQ5.10000039075

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.