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Product Specification

Product Name:

Krebs-Henseleit Buffer Modified - With 2000 mg/L glucose, without calcium chloride and sodium bicarbonate, powder, suitable for cell culture

Product Number:

K3753

Storage Temperature:

2 - 8 °C

TEST**Specification**

Origin	Non-Animal Source
Osmolality with 2.1 g/L NaHCO ₃	274 - 303 mOs/kg
Osmolality	236 - 261 mOs/kg
Total Glucose	18.8 - 23.0 %
Cell Culture Salt Testing	Pass
Water (by Karl Fischer)	≤ 2.0 %
pH with 2.1 g/L NaHCO ₃	7.2 - 7.8
pH	4.6 - 5.2
Solubility (Turbidity)	Clear
Solubility (Form) at 9.6 g/L H ₂ O	Solution
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Endotoxin Level at 1x	≤ 1.0 EU/ml

Specification: PRD.0.ZQ5.10000038298

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.