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Product Specification

Product Name:

Minimum Essential Medium Eagle – HEPES Modification, with Earle's salts, L-glutamine and 25 mM HEPES, without sodium bicarbonate, powder, suitable for cell culture

Product Number:

M2645

Storage Temperature:

2 - 8 °C

| TEST | Specification |
|--|--------------------|
| Origin | Non-Animal Source |
| Osmolality with 2.2 g/L NaHCO ₃ | 265 - 292 mOs/kg |
| Osmolality | 218 - 241 mOs/kg |
| Total Glucose | 6.4 - 7.8 % |
| Water (by Karl Fischer) | ≤ 2.0 % |
| pH with 2.2 g/L NaHCO ₃ | 6.6 - 7.2 |
| pH | 5.2 - 5.8 |
| Solubility (Turbidity) | Clear |
| Solubility (Form) at 14.2 g/L in H ₂ O | Solution |
| Cell Culture Test | Pass |
| Appearance (Color) | White to Off-White |
| Appearance (Form) | Powder |
| Endotoxin Level at 1x | ≤ 1.0 EU/ml |

Specification: PRD.1.ZQ5.10000013385

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.