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## Product Specification

Product Name:

Grace's Insect Medium - With L-glutamine, without sodium bicarbonate, powder, suitable for insect cell culture

Product Number: **G9771**

MDL: MFCD00147059

Storage Temperature: 2 - 8 °C

TEST	Specification
Origin	Non-Animal Source
Osmolality	285 - 325 mOs/kg
with 0.35 g/L NaHCO <sub>3</sub>	
Osmolality	273 - 313 mOs/kg
Total Glucose	1.4 - 1.8 %
Water (by Karl Fischer)	≤ 2.0 %
Insect Cell Test	Pass
pH	4.6 - 5.2
with 0.35 g/L NaHCO <sub>3</sub>	
pH	4.2 - 4.8
Solubility (Turbidity)	Clear
Solubility (Form)	Solution
at 44.0 g/L in H <sub>2</sub> O with few particulates or precipitates	
Appearance (Color)	White to Off-White
Appearance (Form)	Powder

Specification: PRD.0.ZQ5.10000038140

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.