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## Product Specification

Product Name:  
Fetuin from fetal bovine serum - lyophilized powder, suitable for cell culture

**Product Number:** F2379  
**CAS Number:** 9014-81-7  
**MDL:** MFCD00131055

Storage Temperature: 2 - 8 °C

TEST	Specification
Appearance (Color)	White to Light Yellow to Light Brown
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear to Slightly Hazy
1 mg/mL, H <sub>2</sub> O	
Total N-Acetyl Neuraminic Acid	≥ 5.0 %
Free N-Acetyl Neuraminic Acid	≤ 0.3 %
Nitrogen (anhydrous)	12 - 15 %
% Protein	≥ 80 %
Protein Content (Nitrogen x 7.3)	
Agarose Electrophoresis	Conforms
Major protein is in the Alpha Region (Compares to serum marker B9433)	
Total Microbial Count	≤ 100 CFU/g
by USP 61 Modified	
Endotoxin Level	≤ 5 EU/mg
by Kinetic LAL	
Mycoplasma Test by Barile	None Detected
Virus Test	None Detected
by 9CFR 113.53	
None detected on raw material for BRSV, BPV, Reovirus, Rabies, BTV, VSV, PI3, BVDV by FA is < or = 500 TCID <sub>50</sub> /mL	
Cell Culture Test	Pass
Recommended Retest Period	-----
4 Years	

Specification: PRD.2.ZQ5.10000032237

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.