

Certificate of Analysis

Product Name	Fetuin, Fetal Bovine Serum
Catalog No.	V64181
Batch No.	V6418101

1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	
Molecular Weight	
Purity	≥95%
CAS No.	9014-81-7
Production Date	2025/03/20

2. Analytical Data

Test Item	Specification	Result
Appearance	White powder, Clear colorless liquid after resolution	White powder, Colorless clear liquid after reconstitution
pH	7.0 - 8.0	7.3
Protein Concentration	90.0 - 110.0 mg	104.7 mg
Hydration	≤10.0%	3.6%
Purity (SDS-PAGE)	≥95.0%	≥95%, by SDS-PAGE (under reducing (R) condition, visualized by Coomassie staining)
Relative Bioactivity	The relative biological activity should be 70% - 130% comparison to standard reference	106%, Measured in a cell proliferation assay using B16-F1 cells.
Bacterial Endotoxin	<0.5 EU/mg	≤0.5 EU/mg by the LAL method
Microbial Limit	≤1 CFU/mg	<1 CFU/mg

3. Structure

Fetuin, Fetal Bovine Serum

4. Storage Condition

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Storage Condition	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month Note: Please store this product in a sealed and protected environment, avoid exposure to moisture.
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Products are for research use only • Not for human or veterinary use

Tel: +1 708 310-1919

InvivoChem LLC
Fax: +1 708 557-7486
<http://www.invivochem.com/>

Email: info@invivochem.com