

Certificate of Analysis

Product Name	Fetal Bovine Serum (Superfine)		
Cat.No.	F9070L	Storage Conditions	Store at -20 °C
Lot.No.	230426E02-01	Expiration Date	25-04-2028
Molecular Formula	N/A	Molecular Weight	N/A
CAS Number	N/A	Excitation Emission	N/A
Quality Control			
Items	Specification		Result
Packaging appearance	Intact and undamaged		Intact and undamaged
Appearance	Light yellow clear slightly viscous liquid		Light yellow clear slightly viscous liquid
Weight/volume	500-510 mL		500mL
pH	7.0–8.0		7.41
Osmolality	280-330mOsm/kg		302.8mOsm/kg
Total Protein	30-50g/L		35.6g/L
Haemoglobin	≤200mg/L		103.7mg/L
Endotoxin	≤5EU/mL		<1EU/mL
Sterility testing	Negative		Negative
Mycoplasma	Negative		Negative
Bovine Respiratory Syncytial Virus(BRSV)	Negative		Negative
Bovine Viral Diarrhoea Virus (BVDV)	Negative		Negative
Bovine Parvovirus (BPV)	Negative		Negative



Bluetongue (BTV)	Negative	Negative
Bovine Adenovirus Type 5 (BAV-5)	Negative	Negative
Rabies Virus	Negative	Negative
Reovirus	Negative	Negative
Parainfluenza Type-3 (PI3)	Negative	Negative
Cell growth peak (293T)	Reference	1.8×10^6
Cell growth peak (Raw264.7)	Reference	2.1×10^6
Cell growth peak (A549)	Reference	1.7×10^6
Cell growth peak (MCF-7)	Reference	1.5×10^6
Cell growth doubling time (293T)	Reference	14h
Cell growth doubling time (Raw264.7)	Reference	22h
Cell growth doubling time (A549)	Reference	21h
Cell growth doubling time (MCF-7)	Reference	22h
Cell cloning rate (293T)	Reference	96%
Cell cloning rate (Raw264.7)	Reference	95%
Cell cloning rate (A549)	Reference	96%
Cell cloning rate (MCF-7)	Reference	96%
Relative cell survival rate (293T)	Reference	97%
Relative cell survival rate (Raw264.7)	Reference	98%
Relative cell survival rate (A549)	Reference	97%
Relative cell survival rate (MCF-7)	Reference	98%
Appendix		
This Product has been tested and the components have been found to conform to UE quality		



standards.			
Conclusion	Up to standard	Report Date	09-12-2025
QC	<i>Cen ming Jiang</i>	QA	<i>Qin Hua-Yu</i>

