

Certificate of Analysis

Product Name	Low growth factor matrix gel (phenol red-free)		
Cat.No.	M9065M	Storage Conditions	-20°C
Lot.No.	241226	Expiration Date	25-12-2026
Molecular Formula	N/A	Molecular Weight	N/A
CAS Number	N/A	Excitation Emission	N/A
Quality Control			
Items	Methodology		Result
Packaging appearance	Intact and undamaged		Intact and undamaged
Weight/volume	10-10.5mL		10mL
Appearance	After thawing, it becomes a translucent or transparent viscous solution.		Passed
Protein Concentration	Enhanced BCA protein assay for protein concentration (mg/mL)		10.20
Endotoxin	Limulus Amebocyte Lysate gel-clot semi-quantitative test for endotoxin content (EU/mL)		<1.5
LDEV	qPCR detection of LDEV virus in Matrigel		Negative
Sterility Test	Detection of bacteria and fungi (plate culture) and mycoplasma (PCR method)		Negative
Gelation Capacity	Mix Matrigel and culture medium at a ratio of 2:1, spot the mixture, incubate at 37°C for 5–15 min to form a gel; then add culture medium and incubate in a cell incubator for 14 days		Passed
Biological Activity	In vitro culture of chicken embryonic dorsal root ganglia		Passed
Organoid	Mouse small intestinal organoid culture assay		Passed



Appendix

This Product has been tested and the components have been found to conform to UE quality standards.

Conclusion	Up to standard	Report Date	17-07-2026
QC	<i>Cen ming Jiang</i>	QA	<i>Qin Hua-Yu</i>

