

Certificate of Analysis

Product Name	Basement Membrane Matrix (Phenol Red)		
Cat.No.	M9059S	Storage Conditions	-20°C
Lot.No.	240730	Expiration Date	29-06-2026
Quality Control			
Items	Specification/Method	Result	
Packaging appearance	Intact and undamaged	Intact and undamaged	
Appearance	After thawing, purple red semi transparent viscous solution	After thawing, purple red semi transparent viscous solution	
Weight/volume	5-5.25mL	5mL	
Protein concentration	8-12mg/mL	9.81mg/mL	
Endotoxin	$\leq 1.5\text{EU/mL}$	$\leq 1.5\text{EU/mL}$	
LDEV	QPCR detection of LDEV virus in matrix gel	Negative	
Sterility testing	Detection of bacteria, fungi (plate culture), and mycoplasma (PCR)	Negative	
Gel capacity	Mix the matrix gel with medium at a 2:1 ratio, dispense the mixture, and incubate at 37 °C for 5–15 min to allow polymerization. Then add fresh medium and culture in a humidified incubator for 14 days.	Pass	
Bioactivity	In vitro culture of chicken embryonic dorsal root ganglia.	Pass	



Appendix

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

Conclusion	Up to standard	Report Date	28-08-2025
QC	<i>Chen ming Jiang</i>	QA	<i>Qiu Hua-Yu</i>

