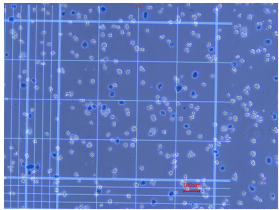
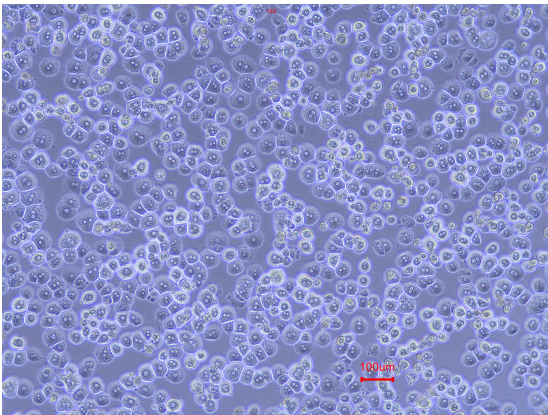
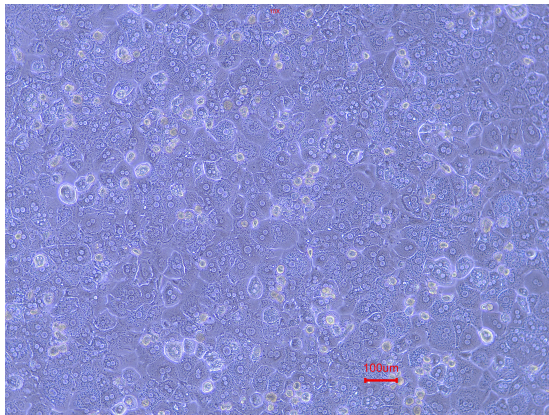


# Certificate of Analysis

## Plateable Hepatocytes

Product Information						
Product Name	Catalog No.	Lot No.	Size	Storage Conditions		
Cryopreserved Male CD-1 Mouse Hepatocytes (Pooled, Plateable Qualified)	CMH-100CDP-PQ	CMH100CD-V02177	5 million	-196°C		
Donor Information						
Species / Strain	Donor Number	Age	Gender	Weight	Product Date	Health Status*
Mouse /CD-1	18	5-6Weeks	Male	31-37g	2025.01.02	<input checked="" type="checkbox"/> SPF <input type="checkbox"/> Conventional
*Note : Animals at the conventional level, used for liver cell isolation, undergo infectious source screening.						
Post-Thaw Viability, Yield And Sterility						
Testing Items	Result	Specification	Test Method	Assessment		
Post-thaw Cell Viability*	88.7%	≥ 70.0%	*Trypan blue exclusion *Post thaw data generated without the use of Percoll.	Accepted		
Post-thaw Cell Yield*	10.3 million	≥ 5.0 million		Accepted		
Cell Morphology*		Intact cell membrane, Spherical morphology, Clear cytoplasm		Accepted		
Mycoplasma Detection	Negative	Negative	qPCR	Accepted		
Microbial Sterility	Negative	Negative	Culture Method	Accepted		
Post-Thaw Plating Efficiency And Monolayer Formation*						
Seeding Density in 12-well Plate	Cell Confluence at 4 h	Cell Confluence at 24 h	Qualification			
0.3*10 <sup>6</sup> /mL	≥ 70 %	≥ 90 %	Cryo-plateable			
Cell monolayer at 4 h post-plating		Cell monolayer at 24 h post-plating				
						
Magnification: 100X		Magnification: 100X				
*Note: The thawed cell suspension was plated onto a Collagen I-coated multi-well plate at the specified optimal seeding density. Photomicrographs of cell attachment and monolayer formation were captured at two different culturing times.						
Batch Release	<input checked="" type="checkbox"/> Qualified		<input type="checkbox"/> Unqualified			
Prepared by:	Ning Su Jan 20, 2025		Reviewed by:	Renjie Qi Jan 20, 2025		