

CERTIFICATE OF ANALYSIS

Product Code: YBLiCardio

Batch/Lot number: CM01082024

Product Description: hiPSC derived Cardiomyocytes

Test Description	Specification	
	Release Criteria	Results
POTENCY		
Post-Thaw Cell viability by Trypan blue	> 80%	90%
No. of viable cells per vial	$\geq 3.0 \times 10^6$	3.15×10^6
Plating Efficiency	>40%	85%
IDENTITY & PURITY (Flow Cytometry, Immunofluorescence and qPCR)		
% Cardiac Troponin T	$\geq 80\%$	97.8 %
% Alpha Actinin	$\geq 80\%$	98.9 %
STR	Match with parent line	Pass
ELECTROPHYSIOLOGY		
Beating matrix	Pass	Pass
Acute toxicity	Pass	Pass
Chronic toxicity	Pass	Pass
SAFETY		
Karyotyping	Normal 46, XY	Normal 46, XY
Endotoxin	< 5.00 EU/mL	0.54EU/ml
Mycoplasma	Negative	Negative
Bioburden	Negative	Negative

Manufacture date: 01 AUG, 2024



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