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CERTIFICATE OF ANALYSIS

PRODUCT NAME	Cardiosight®-S
Catalog Number	C-002
Lot Number	C2-7T1

- ▼ The Cardiosight®-S consists of a population of human induced pluripotent stem cell derived cardiomyocytes. NEXEL Co. Ltd. guarantees this product has passed the following test parameters while adhering to the Cardiosight®-S User Guide. Please keep in mind, electrophysiology measures will vary with plating conditions.

PARAMETER	RESULT
Purity / Identity	94.3 % Cardiomyocytes (+cTnT)
Cell Count & Viability	6.35 million cells (51.7 %)
Electrophysiology	
Beat rate (BPM)	35.25
FPD (FPDcF)	577 ms (483 ms)
Drug Response	
E4031 (FPDcF increase at 0.01 µM > 15%)	Pass
Nifedipine (FPDcF decrease at 0.1 µM > 30%)	Pass
Mexiletine (Spike amplitude decrease at 10 µM > 15%)	Pass
Sterility	Pass
Mycoplasma	Negative
Others	Negative

The signature below attests that the above tests were performed according to NEXEL SoP.

Quality Control Test by: Jieun An  Date: February 7th, 2022

The signature below attests that the production lot has been cleared for sales & distribution.

Approved for Sale by: Dong-Hun W  Date: February 7th, 2022