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CERTIFICATE OF ANALYSIS

PRODUCT NAME	Cardiosight®-S
Catalog Number	C-001
Lot Number	C1-1D0


- ▼ 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	95.9 % Cardiomyocytes (+cTnT)
Cell Count & Viability	2.9 million cells (48.3 %)
Electrophysiology	
BPM	63.9
FPDcF	345.7 ms
Drug Response	
E4031 (FPDcF increase > 20%)	Pass
Nifedipine (FPDcF decrease > 20%)	Pass
Isoprenaline (BPM increase)	Pass
Sterility	Pass
Mycoplasma	Negative
Virus	Negative
Other	Negative

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

Quality Control Test by: Su-Bin Kim  Date: Apr. 24 2020

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

Approved for Sale by: Gunsik Cho  Date: Apr. 24 2020