9700 THERMAL CYCLER VERIFICATION WORKSHEET

Thermal Cycler Model S/N:_____

Temperature Non-Uniformity Test:

Set Point Value	94ºC	37ºC
A1		
A12		
C4		
C9		
F4		
F9		
H1		
H12		

TNU at 94ºC =_____ TNU at 37ºC =_____

☐ Pass ☐ Fail (Check One)   ☐ Pass ☐ Fail (Check One)

Temperature Verification, A6:

T(85ºC):_____   ☐ Pass ☐ Fail (Check One)

T(45ºC):_____   ☐ Pass ☐ Fail (Check One)

Heat and Cool Rate Test:

Heat Rate:_____   ☐ Pass ☐ Fail (Check One)

Cool Rate:_____   ☐ Pass ☐ Fail (Check One)

Cycle Rate Test:

Cycle Test Time:_____   ☐ Pass ☐ Fail (Check One)

Cycle Test STD:_____   ☐ Pass ☐ Fail (Check One)

Analyst/Date:_____ Chief Criminalist/DNA Team Leader (or designee) Approval: _____