CHARLOTTE - MECKLENBURG POLICE DEPARTMENT

Crime Laboratory – Biology Section 9700 Thermal Cycler Verification



9700 THERMAL CYCLER VERIFICATION WORKSHEET

| Thermal Cycler | Model S/N: | | |
|--------------------------------|-------------------------------|---------------------|--|
| Tem | perature Non-Uniformity T | est: | |
| Set Point Value | 94°C | 37°C | |
| A1 | | | |
| A12 | | | |
| C4 | | | |
| С9 | | | |
| F4 | | | |
| F9 | | | |
| Н1 | | | |
| H12 | | | |
| TNU at 94°C = | TNU at 3 | 37°C = | |
| ☐ Pass ☐ Fail (Ch | neck One) Pass | ☐ Fail (Check One) | |
| Te | emperature Verification, A | 6: | |
| T(85°C): | ☐ Pass | ☐ Fail (Check One) | |
| T(45°C): | ☐ Pass | ☐ Fail (Check One) | |
| | Heat and Cool Rate Test: | | |
| Heat Rate: | ☐ Pass | ☐ Fail (Check One) | |
| Cool Rate: | ☐ Pass | ☐ Fail (Check One) | |
| Cycle Test Time: | Cycle Rate Test: ☐ Pass | ☐ Fail (Check One) | |
| Cycle rest fille | | LI TAII (CHECK OHE) | |
| Cycle Test STD: | ☐ Pass | ☐ Fail (Check One) | |
| Analyst/Date: Chief Criminalis | t/DNA Team Leader (or designe | ee) Approval: | |