

## DNA Technical Review Checklist

Case #: \_\_\_\_\_

### SAMPLE ANALYSIS

- \_\_\_\_\_ Complete description of evidence and packaging?
- \_\_\_\_\_ Chain of custody properly documented?
- \_\_\_\_\_ Significant observations documented?
- \_\_\_\_\_ Quantitation OK?
- \_\_\_\_\_ Amplification worksheet(s) OK?

### DATA INTERPRETATION

- \_\_\_\_\_ Expected results obtained for size standard(s) and allelic ladder(s)?
- \_\_\_\_\_ Positive control(s) correct?
- \_\_\_\_\_ Negative control(s) contain no peaks above detection threshold?
- \_\_\_\_\_ Reagent Blank(s) contain no peaks above detection threshold?
- \_\_\_\_\_ QC stain(s) correct?
- \_\_\_\_\_ All peaks addressed in all samples?
- \_\_\_\_\_ Data reviewed by a second qualified analyst?
- \_\_\_\_\_ Typing Results worksheet(s) accurately reflect DNA results and interpretations?
- \_\_\_\_\_ Homozygous genotype calls meet stochastic threshold requirements?
- \_\_\_\_\_ All profiles compared within the batch?
- \_\_\_\_\_ Frequency calculations documented and correct?
- \_\_\_\_\_ All eligible profiles uploaded to CODIS?

### REPORT

- \_\_\_\_\_ Agency concerns and/or questions addressed?
- \_\_\_\_\_ Report accounts for all evidence examined?
- \_\_\_\_\_ All significant examinations in notes included in the report?
- \_\_\_\_\_ Table reports all DNA profiles suitable for comparison to reference profiles?
- \_\_\_\_\_ Correct frequency results included?
- \_\_\_\_\_ Inclusion, exclusion, and inconclusive statements consistent with results?

Tech Reviewer: \_\_\_\_\_ Date: \_\_\_\_\_