

Batched DNA Technical Review Checklist

Case #: _____

Batch #: _____

SAMPLE ANALYSIS

Batch Case
file file

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

DATA INTERPRETATION

Batch Case
file file

- _____ 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

Case file

- _____ 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: _____

Title: DNA: Batched Technical Review Checklist
Approved by: Laboratory Director
Issue Date: 09/2015

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