

**EXTRACTION BATCH CONTAMINATION****Batch:** [REDACTED]Contaminated profile:

- Position No: 7
- Lab No: 365296308
- Case No: QP800235382
- Case details: Person killed by being run over by vehicle.
- Profile details: A mixed DNA profile was obtained with an indication of two contributors. This profile could be separated into major and minor DNA profiles. The major DNA profile matched the reference DNA profile from the deceased and the other profiles from the 'scene' samples. The minor DNA profile was incomplete and matched the DNA profile from Tuuru TARE (complainant in sexual assault matter: [REDACTED]) where information was obtained.

Contaminating profile:

- Position No: 23 (more likely) or 24
- Lab No: [REDACTED] or [REDACTED]
- Case No: QP800088413
- Case details: Alleged Sexual Assault
- Profile details: Female DNA profile obtained from 'Lip - wet' and 'Lip - dry' swabs matching the reference sample from Tuuru TARE.

Notes:

- These cases appear to be unrelated.
- The mixed DNA profile was unexpected in the former case.
- There do not appear to be any other instances of obvious/detectable contamination events on this extraction batch.
- The mixed DNA profile was re-amplified and mixture confirmed on GEN9CW20080807\_02.
- Recommendation that all samples to be interpreted with caution, by utilising macro results and 'virtual' plate map of extraction batch, and by searching spreadsheet for partial profiles by using auto-filter function. Acceptance to be determined on a case-case basis with checking by competent peer reviewer.

**Notes by AM**

14/10/2008

CWIQLYS20080506\_01 ODL batch, CWIQEXT20080506\_02 ext  
batch

Contaminated profile present in STORE plate (analysed at low thresholds) (all stored lysates that were tested matched to profiles obtained from DNA extracts - eluents)

Contaminated profile NOT present in spin basket (analysed at low thresholds) (profiles obtained from substrates match to profiles from DNA extracts - eluent - exception of contaminated profile which matches to major contributor)

Potentially caused by:

Adhesive seal removal (most likely)

Operator error whilst manual addition of resin  
(unlikely)

1<sup>st</sup> removal of Lysates to store plate (unlikely)

Full descriptive report to be done to wrap all OQI's, audit, corrective actions etc. together to be done after all is over and done with.