

MERCURY AND METALS BY ATOMIC ABSORPTION VERIFICATION REPORT

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Sample Delivery Group #: _____

Matrix: _____

Laboratory: _____

Project ID: _____

This checklist is to be used for verification of cyanide, anions, phenolics, and sulfide data packages, consistent with this procedure. No qualifiers are placed through the process of verification.

Verified by: _____ Date: _____

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Custody of Samples

Y N NA

1. Are samples traceable through inspection of signature records on field and laboratory chains of custody?

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Action: For any samples not traceable upon inspection of chains of custody, indicate the identities below and where the break in traceability occurred.

Initial and Continuing Calibration

2. Are Forms II-A & B, XI or equivalent included in the data package?

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3. Has initial calibration been performed prior to analysis of analytical samples?

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4. Has the appropriate sequence been followed for initial and continuing calibrations?

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5. Have the required standard concentrations been used?

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6. Have acceptance criteria been met?

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Method Blank

7. I, III, XII or equivalent included in the data package?

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8. Have frequency requirements for the method blank been satisfied?

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9. Have acceptance criteria been met?

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Matrix Spike/Pre-digestion Spike

10. Are Forms VA&B or equivalent included in the data package?

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11. Have frequency requirements for the MS been satisfied?

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12. Have acceptance criteria been met?

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13. Have field blanks been used for these QC samples?

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Laboratory Control Standard

14. Are forms VII or equivalent included in the data package?

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15. Have the frequency requirements for the LCS been met?

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16. Have the acceptance criteria been met?

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Duplicates

17. Are Forms VI or equivalent included in the data package?

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18. Have frequency requirements for the duplicate been satisfied?

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19. Have acceptance criteria been met?

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20. Have field blanks been used for these QC samples?

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Duplicate Injection and Post Digestive Spike (Metals)

21. Are Forms I, VIII (may not be present if MSA was not performed), XIV, or equivalent included in the data package?

22. Have acceptance criteria been met?

Serial Dilution Analysis (Metals)

23. Are Forms IX or equivalent included in the data package?

24. Have the frequency requirements been met?

RDLs and SQLs

25. Are Forms I or equivalent included in the data package?

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Action: Indicate non-correctable compliance deviations below. If the SQL>RDL reanalysis may be warranted.