

**METALS BY INDUCTIVELY COUPLED PLASMA-ATOMIC EMISSION
SPECTROMETRY (ICP-AES) OR
INDUCTIVELY COUPLED PLASMA-MASS SPECTROMETRY (ICP-MS)
DATA VERIFICATION REPORT**

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Sample Delivery Group #: _____

Matrix: _____

Laboratory: _____

Project ID: _____

This checklist is to be used for verification of Metals by ICP-AES or ICP-MS data packages, consistent with procedure [EPWSD-QPA-TP-203](#). No qualifiers are placed through the process of verification.

Verified by: _____ Date: _____

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SPECTROMETRY (ICP-AES) OR
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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?			
Action: For any samples not traceable upon inspection of chains of custody, indicate the identities below and where the break in traceability occurred.			
2. Preservation and Holding Times - Have preservation requirements and holding time criteria been met?			
ICP-MS Tune Analysis			
3. Are forms XIV-IN or equivalent included in the data package?			
4. Has the tune been performed at the specified frequency?			
5. Has the acceptance criteria been met?			
Initial and Continuing Calibration			
6. Are forms II-IN (Parts A&B), XI-IN, XIII-IN, or equivalent included in the data package?			
7. Has initial calibration been performed prior to analysis of samples?			
8. Has the appropriate sequence been followed for initial and continuing calibrations?			
9. Have the required standard concentrations been used?			
10. Have acceptance criteria been met?			
Blank			
11. Are forms I-IN, III-IN, XII-IN, and XIII-IN, or equivalent included in the data package?			
12. Have frequency requirements for the method blank been satisfied?			
13. Have acceptance criteria been met?			
ICP Interference Check Sample (ICS)			
14. Are forms IVA-IN, IVB-IN, XIII-IN or equivalent included in the data package?			
15. Have frequency requirements for the ICS been met?			
16. Have acceptance criteria been met?			
Laboratory Control Sample (LCS)			
17. Are forms VII-IN, XII-IN or equivalent include in the data package			
18. Have the frequency requirements for the LCS been met?			
19. Have spiking levels and acceptance criteria been met?			
Matrix Spike/Matrix Spike Duplicate (MS/MSD)			
20. Are forms V-IN (Parts A&B), XII-IN or equivalent included in the data package?			
21. Have frequency requirements for the MS/MSD been satisfied?			
22. Have the spiking levels and acceptance criteria been met?			
Duplicates			
23. Are forms VI-IN, XII-IN, or equivalent included in the data package?			
24. Have the frequency requirements for the Duplicates been met?			
25. Have the acceptance criteria been met?			
ICP Serial Dilution			
26. Are forms I-IN, VIII-IN, or equivalent included in the data package?			
27. Have the frequency requirements been met?			
28. Have the acceptance criteria been met?			

