

# AB Manager

## PT File Format Specifications

7/28/2021

AB Manager can upload, validate, and import proficiency testing (PT) data from any PT provider. PT data that is correct and complete can then be evaluated to determine if a laboratory is maintaining compliance with PT requirements for requested parameters.

PT providers must provide data files that are correct, complete, and in the format specified below. To be recognized by AB Manager, each PT file must comply with the following:

- The file must be in a comma separated value (.csv) format with a single header row as specified in the table below.
- The file name must be unique and indicate whether it is an amended file. For example,
  - “Phenova R25010 UT.csv”
  - “ERA WP288 WV mod 20-0816.csv”.
- Method, analyte, and provider codes much match those used by the accrediting body. TNI codes are highly preferred if they are available. Coordination between the laboratory, PT provider, and accrediting body is imperative.

Note: the preferred column heading is shown in bold with recognized alias' shown in parentheses.

Column Heading	Data Type	Notes and Examples
<b>ProviderCode</b> (Provider ID, ProviderID)	text	TNIPTP99
<b>ProviderName</b>	text	XYZ Standards
<b>StudyType</b> (Study_ID)	text	WS, WP, RCRA, LPTP, etc.
<b>StudyNumber</b> (StudyName)	text	295
<b>StudyMatrix</b> (Matrix, StudyMatrixType)	text	<b>DW</b> (SDWA, WSMICRO, WSCHEM, WS, SW, PW, PotableWater, Potable Water, Potable, Drinking Water)  <b>NPW</b> (NW, CWA, Non-Potable, WPMICRO, WPCHEM, WP, Wastewater, Non-Potable Water)  <b>S</b> (Solid and Chemical Waste, Solid & Hazardous Material, Solid, Soil, RCRA)  <b>A</b> (Air & Emissions)  <b>BT</b> (Biological Tissue)

Column Heading	Data Type	Notes and Examples
<b>OpenDate</b> (Study Open, StudyOpenDate)	date	For supplemental studies, this is the date shipped
<b>CloseDate</b> (ClosingDate, Study Close, StudyCloseDate)	date	For supplemental studies, this is the date submitted
<b>ReportDate</b>	date	Original issue date
<b>AmendDate</b> (Date Amended, DateofAmendedReport)	date	May be blank
<b>LabCode</b> (Laboratory, ParticipantIdentifier)	text	The EPA Lab code or other ID used by both the PT provider and the AB
<b>LabStateId</b>	text	If used
<b>LabName</b>	text	Metropolitan Water District
<b>AnalyteCode</b> (Analyte ID, AnalyteNumber, AnalytidIdentifier)	numeric	4-digit TNI analyte code (e.g., arsenic = 1010)
<b>AnalyteName</b>	text	Arsenic
<b>MethodCode</b> (Method ID, MethodNumber)	numeric	8-digit TNI method code (e.g., EPA 200.8, rev 5.5 = 10014809)
<b>MethodName</b>	text	e.g., Metals by ICP-MS
<b>Evaluation</b> (Result)	text	<b>Acceptable</b> (A, ACC, ACC., ACCEPT, ACCEPT.)  <b>Not Acceptable</b> (N, NOT ACCEPT, NOT ACCEPT., Not-Acceptable, Not Acceptab)  <b>Warning</b> (Check for Error, CK. FOR ERR, CK. FOR ERR., CKE)
<b>AnalysisDate</b>	date	
<b>Analyst</b>	text	Name or initials
<b>LabResult</b>	numeric	Reported numerical result
<b>ResultUnits</b>	text	Units (e.g., mg/L, mg/kg, etc.)
<b>AssignedValue</b>	numeric	True value
<b>LAL</b>	numeric	lower acceptance limits
<b>UAL</b>	numeric	upper acceptance limits