



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

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