

CODE_TYPE	CODE	CODE_DESCRIPTION
Analytical Type	ANION	Anions
Analytical Type	ANION-D	Dissolved Anions
Analytical Type	DAI-GC	Direct aqueous injection gas chromatographic
Analytical Type	DNT	Data Not Transmitted
Analytical Type	FS	Field Sample
Analytical Type	GTEC	Geotechnical Parameters
Analytical Type	METAL	Metals
Analytical Type	METEO	Meteorological
Analytical Type	OTHOR	Other organic
Analytical Type	SVOA	Semivolatile Organics Analysis
Analytical Type	RADS-D	Dissolved Radiochemical analysis
Analytical Type	RADS	Radiochemical analysis
Analytical Type	PPCB-D	Dissolved Pesticides/Polychlorinated Biphenyls
Analytical Type	PPCB	Pesticides/Polychlorinated Biphenyls
Analytical Type	PHYSC	Physical and field measurements
Analytical Type	OTHIN	Other inorganic
Analytical Type	METAL-D	Dissolved Metals
Analytical Type	HERB	Herbicides
Analytical Type	BIOTOX	Biological toxicity tests
Analytical Type	BIOSRVY	Biological survey (includes community studies; a one-time observation)
Analytical Type	BIOREPC	Biological reproductive competence
Analytical Type	BIOPOP	Biological population studies (a series of sampling events studying a population of organisms)
Analytical Type	BIOMRPH	Biological morphometric measurements
Analytical Type	BIOLALL	Refers to all biological analysis types
Analytical Type	BIOINDC	Biological indicators of fish health
Analytical Type	J	Other, defined in COMMENTS column
Analytical Type	WETCHEM-D	Dissolved analyte Wet chemistry
Analytical Type	WETCHEM	Wet chemistry
Analytical Type	VOA	Volatile Organics Analysis
Analytical Type	TCLPVOA	Toxicity Characteristic Leaching Procedure - volatile organics
Analytical Type	TCLPSVL	Toxicity Characteristic Leaching Procedure - semivolatiles
Analytical Type	TCLPPST	Toxicity Characteristic Leaching Procedure - pesticides
Analytical Type	TCLPMET	Toxicity Characteristic Leaching Procedure - metals
Analytical Type	TCLPHRB	Toxicity Characteristic Leaching Procedure - herbicides
Analytical Type	DI/FURA	Dioxins or Furans
Analytical Type	CALC	Calculated field
Data Assessment Codes	?	Other, defined in COMMENTS column
Data Assessment Codes	DIL	Result is obtained from dilution
Data Assessment Codes	DIS-EDDF1	Discrepancies exist between the EDD and the Form 1. Form 1s are generated by instrument software that automatically reports all detected compounds. It is the lab's policy to not report quantities below LCRs within their EDD format. Both sets of data ar
Data Assessment Codes	FDUP-OUT	Field duplicate exceeds the RPD criterion
Data Assessment Codes	KYRHTAB-50	Kentucky Radiation Health and Toxic Agents Branch (KYRHTAB) has performed an independent data evaluation (not to be confused with data verification and validation) and the rad error accounts for greater than 50% of the results.
Data Assessment Codes	J	Result estimated
Data Assessment Codes	IN-METH	Result should be considered information only. Lab utilized a modified method.
Data Assessment Codes	IN-LABQC	Result should be considered information only. Quality control requirements of the laboratory method were not met.

Data Assessment Codes	IN-LAB,&	Result should be considered information only. Compound is a known or probable lab contaminant. See comments for additional assessment qualifiers
Data Assessment Codes	IN-LAB	Result should be considered information only. Compound is a known or probable lab contaminant
Data Assessment Codes	ICSEXP	Initial Calibration Standard Expired
Data Assessment Codes	ICPTIMS-ER	ICP-MS and TIMS error for the concentration of Uranium-235 is less than the 285 pCi/g level at one standard deviation.
Data Assessment Codes	DR	Discrepancy between summary data report and raw data.
Data Assessment Codes	MDA-METHOD	The recalculated MDA is considered a method-wide MDA. Batch specific MDAs were not calculated.
Data Assessment Codes	LCSNI	LCS Not Independent
Data Assessment Codes	LCSNA	Laboratory control sample not analyzed.
Data Assessment Codes	LCSEXP	LCS Expired
Data Assessment Codes	LAB-PREP	Prep method used by the lab valid but not proceduralized.
Data Assessment Codes	KYRHTAB-OK	Kentucky Radiation Health and Toxic Agents Branch (KYRHTAB) has performed an independent data evaluation (not to be confused with data verification and validation) and the data is acceptable for use.
Data Assessment Codes	KYRHTAB-NE	Kentucky Radiation Health and Toxic Agents Branch (KYRHTAB) has performed an independent data evaluation (not to be confused with data verification and validation) and the rad error exhibits a negative value, which is a statistical outlier.
Data Assessment Codes	KYRHTAB-LT	Kentucky Radiation Health and Toxic Agents Branch (KYRHTAB) has performed an independent data evaluation (not to be confused with data verification and validation) and the results are less than (LT) the maximum detectable activity (MDA) or detection limit
Data Assessment Codes	KYRHTAB-ER	Kentucky Radiation Health and Toxic Agents Branch (KYRHTAB) has performed an independent data evaluation (not to be confused with data verification and validation) and the data presents error problems (ie., no counting uncertainty or zero counting uncertainty)
Data Assessment Codes	R-H	Result unusable due to historical trending (i.e., outlier).
Data Assessment Codes	R-DUPVAR	Result questionable, measured variability of the field duplicate is outside PARCC parameter expectations, therefore population estimates of variability may be off by several orders of magnitude.
Data Assessment Codes	R-C,&	Result questionable, credibility at issue. See comments for additional assessment qualifiers
Data Assessment Codes	R-C, ?	Result questionable, credibility at issue, other defined in COMMENTS column
Data Assessment Codes	R-C	Result questionable, credibility at issue.
Data Assessment Codes	R	Result unusable.
Data Assessment Codes	QUAL	This data should be considered qualitative due to the sampling process, the variability in the medium sampled or issues with the analytical process.
Data Assessment Codes	PENP	PE Sample Not Performed
Data Assessment Codes	NR	Assessment question not resolved.
Data Assessment Codes	R-T	Result rejected due to missed holding time
Data Assessment Codes	R-RERUN	Result unusable, results from re-analysis should be used
Data Assessment Codes	R-PRES	Result rejected due to improper preservative added.
Data Assessment Codes	R-NTRSFV	Result rejected; not a true representative sample of formation water
Data Assessment Codes	R-NTRS	Result rejected; not a true representative sample
Data Assessment Codes	R-NORAD,&	Result unusable; Uranium-235 portion of calculation is below reliable detection limits. See comments for additional assessment qualifiers
Data Assessment Codes	R-NORAD	Result unusable; Uranium-235 portion of calculation is below reliable detection limits.
Data Assessment Codes	R-MTRX	Result rejected due to matrix interference.
Data Assessment Codes	R-HSS	Rejected due to high suspended solids content.
Data Assessment Codes	BH-CONT, NOVAL	Result may be biased high due to contamination of the sample from the field or laboratory; Validation requested but qualifier not provided due to missing Form I
Data Assessment Codes	BH-CONT	Result may be biased high due to contamination of the sample from the field or laboratory.
Data Assessment Codes	USECNITRIC-CF	During the period from May 2004 to September 2009, the USEC-PGDP lab used method RL-7128-NITRIC for isotopic uranium analysis by alpha spec. Method RL-7128-NITRIC utilizes only nitric acid for dissolution rather than hydrofluoric/nitric acid. The use of
Data Assessment Codes	U-RAD,&	Result considered a non-detect; instrument measurement error is equal to or greater than the reported result, see comments for additional assessment qualifiers
Data Assessment Codes	U-RAD	Result considered a non-detect; instrument measurement error is equal to or greater than the reported result
Data Assessment Codes	U,J	Not detected and result estimated
Data Assessment Codes	U	Not detected
Data Assessment Codes	NOVAL-FLAB	Validation targeted for this project but not required for field laboratory data.
Data Assessment Codes	NOVAL	Validation requested but qualifier not provided due to missing Form I
Data Assessment Codes	BH-TEMP	Result biased high due to a temperature exceedance.

Data Assessment Codes	BH-TB, BL-TEMP	Result may be biased high, chemical detected in associated trip blank, result biased high due to a temperature exceedance.
Data Assessment Codes	BH-TB	Result may be biased high, chemical detected in associated trip blank
Data Assessment Codes	BH-SS	Result may be biased high; sample may contain particles of the acetate sampling sleeve
Data Assessment Codes	BH-SOLID	Result biased high due to sample containing a large amount of solids
Data Assessment Codes	BH-RI	Result may be biased high, chemical detected in associated equipment rinsate.
Data Assessment Codes	BH-RB	Result may be biased high; chemical detected in associated refrigerator blank
Data Assessment Codes	BH-QC	Result may be biased high based upon lab QC (i.e. surrogate, MS/MSD, etc.)
Data Assessment Codes	BH-PURGE	Result may be biased high; sample may be diluted with drilling fluid due to insufficient purging prior to sampling
Data Assessment Codes	BL-TEMP, J	Result biased low due to a temperature exceedance, estimated.
Data Assessment Codes	BL-TEMP, BL-PRES	Result biased low due to a temperature exceedance, Result may be biased low due to improper preservative added.
Data Assessment Codes	BL-TEMP	Result biased low due to a temperature exceedance
Data Assessment Codes	BL-T,J	Result may be biased low; sample holding time exceeded, estimated
Data Assessment Codes	BL-T, BL-QC	Result may be biased low; sample holding time exceeded and result may be biased low based upon lab QC (i.e. surrogate, MS/MSD, etc.)
Data Assessment Codes	BL-T	Result may be biased low; sample holding time exceeded
Data Assessment Codes	BL-QC	Result may be biased low based upon lab QC (i.e. surrogate, MS/MSD, etc.)
Data Assessment Codes	BL-PURGE,&	Result may be biased low; sample may be diluted with drilling fluid due to insufficient purging prior to sampling. See comments for additional assessment qualifiers
Data Assessment Codes	BL-PURGE	Result may be biased low; sample may be diluted with drilling fluid due to insufficient purging prior to sampling
Data Assessment Codes	CCCSEXP	Continuous Calibration Check Standard Expired
Data Assessment Codes	BL-TEMP, U, BH-QC	Result biased high due to a temperature exceedance, Not detected, may be biased high based upon lab QC.
Data Assessment Codes	BL-TEMP, U	Result biased low due to a temperature exceedance, not detected.
Data Assessment Codes	BL-TEMP, NOVAL	Result biased low due to a temperature exceedance, Validation requested but qualifier not provided due to missing Form I
Data Assessment Codes	BL-PRES, ?	Result may be biased low due to improper preservative added., Other defined in COMMENTS column.
Data Assessment Codes	BL-PRES	Result may be biased low due to improper preservative added.
Data Assessment Codes	BL-LABPR	Result biased low due to laboratory process
Data Assessment Codes	BL-LAB	Result may be biased low; compound is a known or probable lab contaminant
Data Assessment Codes	BL-HS, BL-TEMP	Biased low due to headspace in sample container & result biased low due to a temperature exceedance.
Data Assessment Codes	BL-HS	Biased low due to headspace in sample container
Data Assessment Codes	BL-AIR,&	Biased low due to air rotary drilling method. See comments for additional assessment qualifiers.
Data Assessment Codes	BL-AIR	Biased low due to air rotary drilling method.
Data Assessment Codes	BH-LABPR	Result biased high due to laboratory process
Data Assessment Codes	BH-LAB	Result may be biased high; compound is a known or probable lab contaminant
Data Assessment Codes	BH-FB,&	Result may be biased high; chemical detected in associate field blank. See comments for additional assessment qualifiers
Data Assessment Codes	BH-FB, ?	Result may be biased high; chemical detected in associated field blank & Other, defined in COMMENTS column.
Data Assessment Codes	BH-FB BH-TB	Result may be biased high; chemical detected in associated field blank and result may be biased high; chemical detected in associated trip blank.
Data Assessment Codes	BH-FB BH-RI	Result may be biased high; chemical detected in associated field blank and Result may be biased high, chemical detected in associated equipment rinsate.
Data Assessment Codes	BH-FB	Result may be biased high; chemical detected in associated field blank
Data Assessment Codes	BH-ER	Result may be biased high; chemical detected in associated equipment rinseate
Data Assessment Codes	N/A	Not Applicable
Data Assessment Codes	MSMSDEXP	Matrix Spike/Matrix Spike Duplicate Standard Expired
Data Assessment Codes	MDA-RECALC	The original MDA of 21.4 pCi/L was calculated incorrectly and was recalculated during the Field Laboratory evaluation.The recalculated MDA is 24.7 pCi/L.

		During the period from May 2004 to September 2009, the USEC-PGDP lab used method RL-7128-NITRIC for isotopic uranium analysis by alpha spec. Method RL-7128-NITRIC utilizes only nitric acid for dissolution rather than hydrofluoric/nitric acid. The use of nitric acid only is a less aggressive dissolution for isotopic uranium analysis by alpha spec. It has been demonstrated that Method RL-7128-NITRIC can only be utilized for isotopic uranium analysis of soil with activity greater than 10 pCi/g due to low recoveries below that level. Therefore, if the data from Method RL-7128-NITRIC will be screened against the background values reported in Background Levels of Selected Radionuclides and Metals in Soils and Geologic Media at the PGDP (1997), the following adjusted background values must be used: U-234: 1.73 pCi/g surface and 1.63 pCi/g subsurface, U-235: 0.10 pCi/g, and U-238: 0.40 pCi/g (Methods for Conducting Risk Assessments and Risk Evaluations at the Paducah Gaseous Diffusion Plant, Appendix E (2009)). Risk assessors may use data from this time period for comparison against other thresholds below 10 pCi/g without adjusting the values as long as the level of uncertainty and its impact on the risk assessment/evaluation are adequately discussed. No additional action is required for comparisons to thresholds above 10 pCi/g.
Data Assessment Codes	USECNITRIC-CF	
Footnote	A	Insufficient uranium present in the sample to determine an assay.
Footnote	Z	0.05 wt%U-235 is conserv limit of error.Actual 3-sigma for controls <0.05 wt%.
Lab Code	?	Other, defined in COMMENTS column
Lab Code	ACO	BWXT-ACO, Oak Ridge, TN
Lab Code	AIP/ST	AIP
Lab Code	AMAQ	American Aquatics, Inc.
Lab Code	ATOR	ATEC, Oak Ridge, TN
Lab Code	BETA	Beta Analytic, Inc., Miami, FL
Lab Code	NO_LAB	Value Calculated by Project Staff, e.g., Charge Balance
Lab Code	NCSU	North Carolina State University Laboratory
Lab Code	NA	Not Available
Lab Code	MTST	Mountain States Analytical, Salt Lake City, UT
Lab Code	MGM	CH2M Hill Montgomery Lab
Lab Code	MET	MetaTrace
Lab Code	MCL	Materials and Chemistry Laboratory Inc. Oak Ridge, TN
Lab Code	MCCOY	McCoy/McCoy
Lab Code	LASLV	LAS Laboratories, Las Vegas, NV
Lab Code	ORNLIT	Ion Trap Mass Spectrometry, 4500S, E-160
Lab Code	ORNL	LMES-Oak Ridge National Laboratory
Lab Code	ORISER	Oak Ridge Institute for Science and Education Radiochemistry Lab
Lab Code	ORISEE	Oak Ridge Institute for Science and Education Environmental Lab
Lab Code	ORAS	Oak Ridge Analytical Services, Inc., Oak Ridge, TN
Lab Code	ONSE	Onsite(?) (Megawag)
Lab Code	OBRIEN	Obrien & Gere Laboratories, Inc., Syracuse, NY
Lab Code	NUS	NUS?
Lab Code	KYRAD	Kentucky Radiation Control Lab
Lab Code	K-25	LMES-K-25 Plant
Lab Code	JOHNS	Johns Manville Technical Center, Littleton, CO
Lab Code	JMAN	Johns Manville Technical Center Littleton, CO
Lab Code	JAYCOR	JAYCOR Benthic Macroinvertebrates Lab, Oak Ridge, TN
Lab Code	ITST	Stuart Laboratory
Lab Code	ITSL	IT-St. Louis, Earth City, MO
Lab Code	ITRS	IT Radiological Services Laboratory
Lab Code	STLVT	STL, Vermont
Lab Code	STLTN	STL, Knoxville, TN
Lab Code	STLMO	Severn Trent, Earth City Missouri
Lab Code	STLCO	Severn Trent, Arvada Colorado
Lab Code	LRD	CH2M Hill Redding Environmental Lab, Redding CA
Lab Code	LOCK	Lockheed Engineering & Science Co., Las Vegas, NV

Lab Code	LMUS	Lockheed Martin Utility Services
Lab Code	LLRAL	Low Level Radiological Laboratory, ORNL, Oak Ridge, TN
Lab Code	LIONPA	Lionville Laboratory, Lionville, PA
Lab Code	CSL	ORNL Close Support Lab
Lab Code	CPA	Chemical and Physical Analysis Laboratory, X-10, Bldg. 4500S
Lab Code	CORE	Core Laboratories, Aurora, Colorado
Lab Code	CH2RF	CH2M Hill Field Radiological Lab
Lab Code	CH2F	CH2M Hill Field Lab
Lab Code	CEP	Controls for Environmental Pollution, Santa Fe, New Mexico
Lab Code	CEBA	CEBAM Analytical, Inc. Portland, OR
Lab Code	CDM	CDM Field Support Lab
Lab Code	CCRT	CompuChem Laboratories, Inc., Research Triangle Park, NC
Lab Code	BWXTVA	BWXT Services, Inc., Lynchburg, VA
Lab Code	BWXTN	BWXT-ACO, Oak Ridge, TN
Lab Code	BWLVA	Babcock and Wilcox, Lynchburg, VA
Lab Code	BRAN	Brooks Rand
Lab Code	BPNNL	Battelle, Pacific Northwest National Laboratory
Lab Code	BJCPE	Bechtel Jacobs Company, LLC Performance Evaluation Laboratory, Oak Ridge, TN
Lab Code	BIOFLD	Biota observations, measurements, tests, or analyses made or conducted in the field (COMM_SUR RTL ONLY).
Lab Code	Y-12	LMES-Y-12 Plant
Lab Code	XTOX	ORNL/ESD Toxicological Analysis Laboratory
Lab Code	XRPD	ORNL/ESD Reproduction Laboratory
Lab Code	XRAD	ORNL/ESD/Radiological Analysis Laboratory
Lab Code	XFSH05	ESD Fish Processing Lab - 1505
Lab Code	XBMARK	ORNL/ESD Biological Marker Laboratory
Lab Code	X1503	ORNL/ESD
Lab Code	WSLL	Roy F. Weston, Inc., Lionville, PA
Lab Code	WSGC	Weston Gulf Coast
Lab Code	WESBIR	Wes Birge Laboratory - AIP
Lab Code	WES	Westinghouse
Lab Code	UT	University of Tennessee
Lab Code	USECOH	United States Enrichment Corp., Portsmouth, OH
Lab Code	USECKY	United States Enrichment Corp., Paducah, KY
Lab Code	UK	University of Kentucky
Lab Code	TVAT	TVA Toxicological Analysis Laboratory
Lab Code	TVAE	TVA Environmental Chemistry Lab
Lab Code	TVAB	TVA Benthic Macroinvertebrates Lab, Muscle Shoals, AL
Lab Code	TRI	Triangle Labs - Research Triangle Park, Durham, NC 27713
Lab Code	TRACER	Tracer Research Corporation, Tucson, AZ
Lab Code	TMSS	TMA-Skinner & Sherman, Waltham, MA
Lab Code	TMER	TMA-ERG, Ann Arbor, Michigan
Lab Code	TMEO	TMA-Eberline, Oak Ridge, TN
Lab Code	TMEA	TMA-Eberline, Albuquerque, NM
Lab Code	TMAR	TMA-ARLI, Monrovia, CA
Lab Code	TMAN	TMA-Norcal, Richmond, CA
Lab Code	THEROR	THERMO NUTEC, Oak Ridge, TN

Lab Code	THEMAL	Thermo NUtech, Albuquerque, NM
Lab Code	TEL	Teledyne Isotopes
Lab Code	TEC	TEC (Phase 2)
Lab Code	TDSF	Tennessee Division of Superfund
Lab Code	TDEC	Tennessee Department of Environment and Conservation Lab
Lab Code	TALWA	TestAmerica Laboratories, Richland, Washington
Lab Code	TALVT	TestAmerica Laboratories, Vermont
Lab Code	TALMO	TestAmerica Laboratories, Earth City, Missouri (previously STLMO)
Lab Code	TAL	Transuranium Analytical Laboratory, ORNL (Bldg. 7920)
Lab Code	SWRI	Southwest Research Institute, San Antonio, TX
Lab Code	SWLOK	Southwest Lab of Oklahoma, Broken Arrow, OK
Lab Code	STLWA	Severn Trent, Richland Washington
Lab Code	ITPA	IT-Pittsburgh
Lab Code	ITOR	IT-Oak Ridge, Oak Ridge, TN
Lab Code	ITLR	IT-Richland, Richland, WA
Lab Code	ITKX	IT-Middlebrook, Knoxville, TN
Lab Code	ITGEO	IT Corporation-Geotechnical Laboratory, Oak Ridge, TN
Lab Code	HLRAL	High Radiation Level Analytical Laboratory, ORNL (Bldg. 2026)
Lab Code	HALLIB	Halliburton
Lab Code	GELSC	General Engineering Laboratories, Charleston, SC
Lab Code	SPECAS	Special Assays
Lab Code	SLES	Savannah Laboratories & Environmental Services, Inc., Savannah, GA
Lab Code	SINGLE	Singleton Laboratory, Louisville, TN
Lab Code	SIMA	SIMALABS International, Cincinnati, OH
Lab Code	PRS	Paducah Remediation Services Field Screen Lab
Lab Code	PRC	PRC Environmental
Lab Code	PORTS	LMES-Portsmouth Plant
Lab Code	PORTF	Portage Field Screen Lab
Lab Code	PGDP	LMES-Paducah Gaseous Diffusion Plant
Lab Code	PENNAC	Pennington and Associates, Cookeville, TN
Lab Code	PARGN	Paragon Analytics, Inc. Fort Collins, CO
Lab Code	PACEOK	PACE, Inc., Broken Arrow, OK
Lab Code	PACE	PACE, Inc.
Lab Code	SECRAL	Safety and Ecology Corporation Radcon Alliance Laboratory
Lab Code	SEC	SEC Trailer at C-755
Lab Code	SCIENT	Scientech, Inc. Carrollton, TX
Lab Code	SAIC	Science Application International Corporation Field Lab
Lab Code	S-CUBE	S-Cubed
Lab Code	RUST	Rust Remedial Services, Anderson, SC
Lab Code	RMAL	Radioactive Materials Analytical Laboratory, ORNL (Bldg. 2026)
Lab Code	RECRPA	Recra LabNet, Lionville, PA
Lab Code	RECRA	Lionville Laboratory, Lionville, PA
Lab Code	RDD	RDD (Phase 2)
Lab Code	RADN	Radian Corporation Laboratory
Lab Code	QUANT	Quanterra Laboratory
Lab Code	GELOH	GEL Laboratories of Ohio, Cincinnati, OH

Lab Code	GEL	Charleston
Lab Code	FS	Field Sample
Lab Code	FRON	Frontier Geosciences Inc., Seattle, WA
Lab Code	FAMU	Florida A and M University Laboratory, Tallahassee, FL
Lab Code	ETLS	EcoTek Laboratory Services Inc., Atlanta, GA
Lab Code	EPALV	Environmental Protection Agency, Las Vegas, NV
Lab Code	ECC	Environmental Chemical Corporation, Cincinnati, Ohio
Lab Code	GPLMD	GPL Laboratories, LLLP Frederick, MD - AIP
Lab Code	GPLAL	GPL Laboratories, LLLP Montgomery, AL - AIP
Lab Code	GJO	ORNL-Grand Junction Office
Lab Code	GEO	GEO Consultants - Field Kits
Lab Code	EBERTN	Eberline Services, Oak Ridge, TN
Lab Code	EBERNM	Eberline Services, Albuquerque, NM
Lab Code	EBERCA	Eberline Services, Richmond, CA
Lab Code	DCSL	DataChem Laboratories, Salt Lake City, UT
Lab Code	DCOH	DataChem Laboratories, Cincinnati, OH
Lab Code	CTL	CTL Engineering Inc., Columbus, OH
Lab Code	BEACMD	Beacon Environmental Services, Inc., Bel Air, MD
Lab Code	BARRIN	Barringer Laboratory, Inc. Golden, Colorado
Lab Code	ASO	Analytical Services Organization
Lab Code	ARC	Aquatic Resources Center, Franklin, TN
Lab Code	ALSFC	ALS Laboratory Group For Collins, CO formerly Paragon Analytics, Inc.
Media Type	AA	Ambient Air
Media Type	AQ	Air Quality Control Matrix
Media Type	BA	Biota, Whole Animal
Media Type	DC	Drill Cuttings
Media Type	EF	Biota, Excreta (feces)
Media Type	QB	Aquatic Bird
Media Type	QA	Aquatic Animal
Media Type	PW	Porewater
Media Type	PN	Paint
Media Type	PC	Precipitation
Media Type	IS	Insulation
Media Type	HW	Heating Water
Media Type	GV	Gravel
Media Type	GS	Green Salt
Media Type	TW	Treated Water
Media Type	TQ	Tissue Quality Control Matrix
Media Type	TP	Plant Tissue
Media Type	TC	Terrestrial (Some combination at least 2) of bird, plant, or animal.)
Media Type	TB	Terrestrial Bird
Media Type	TA	Animal Tissue
Media Type	SZ	Solid Waste
Media Type	SW	Swab or Wipe
Media Type	SS	Scrapings
Media Type	CO	Coolant (liquid)

Media Type	CL	Ceiling Material
Media Type	WQ	Water Quality Control Matrix
Media Type	WP	Drinking Water
Media Type	WO	Ocean Water
Media Type	WL	Water that has leached through waste
Media Type	WH	Equipment Wash Water, i.e., Water used for Washing
Media Type	WG	Groundwater
Media Type	WE	Estuary
Media Type	WD	Well Development Water
Media Type	WC	Wall corings
Media Type	YC	Yellow Cake
Media Type	WZ	Special Water Quality Control Matrix
Media Type	WW	Waste Water
Media Type	WV	Water From Vadose Zone
Media Type	WS	Surface Water
Media Type	SQ	Soil/Solid Quality Control Matrix
Media Type	SP	Floor Sweepings
Media Type	SO	Soil
Media Type	SN	Supernatant
Media Type	SL	Sludge
Media Type	SF	Filter Sandpack
Media Type	SE	Sediment (associated with surface water)
Media Type	SC	Cement
Media Type	GR	Grout
Media Type	FT	Filter
Media Type	FR	Filter Residue
Media Type	FL	Flooring Material
Media Type	EG	Eggs
Media Type	EA	Effluent Air
Media Type	CW	Wood
Media Type	AS	Asphalt
Media Type	RS	Residue (not associated with filters)
Media Type	RF	Roofing Material
Media Type	QP	Aquatic Plant
Media Type	QN	Benthic Organism
Media Type	QC	Aquatic (Some combination of at least 2) of bird, plant, animal; Excludes benthic organism
Media Type	NW	Non-Water Liquid
Media Type	NA	Not Available
Media Type	MS	Metal Shavings
Media Type	MK	Milk
Media Type	MC	Metal Coupons
Media Type	LV	Liquid From Vadose Zone
Media Type	LT	Liquid from tank
Media Type	LO	Oil, All Types (Transformer, Waste, Motor, Mineral)
Media Type	LF	Floating/Free Product on Groundwater Table
Media Type	LE	Liquid Emulsion

Media Type	LD	Drilling Fluid
Media Type	AG	Soil Gas
Verification Codes	?	Other, defined in COMMENTS column
Verification Codes	A	Result exceeds daily maximum permit limit
Verification Codes	D	Result was included in a monthly average that exceeded the monthly average maximum permit limit
Verification Codes	G	Mass loading based on this result was included in a weekly average that exceeded the weekly average mass loading limit
Verification Codes	F	Mass loading based on this result was included in a monthly average that exceeded the monthly average mass loading limit
Verification Codes	E	Result was included in a weekly average that exceeded the weekly average maximum permit limit
Verification Codes	B	Result does not meet daily minimum permit limit
Verification Codes	S	Result exceeds statistical controls based on historical data
Verification Codes	NT	No verification performed for criteria, holding time expired
Verification Codes	IXT	Result exceeds established criteria, permit limits and holding time exceeded for this analysis
Verification Codes	IX	Result exceeds established criteria and permit limits
Verification Codes	IT	Result exceeds established criteria, Holding time exceeded for this analysis
Verification Codes	ISX	Result exceeds established criteria, historical statistics and permit limits
Verification Codes	IST	Result exceeds established criteria and historical statistics and holding time exceeded for this analysis.
Verification Codes	IS	Result exceeds established criteria and historical statistics
Verification Codes	I	Result exceeds established criteria
Verification Codes	H	Protocol deviation
Verification Codes	C	Mass loading based on this result exceeds daily maximum mass loading limit
Verification Codes	BS	Result does not meet daily minimum permit limit and exceeds historical statistics
Verification Codes	XT	Result exceeds permit limits and holding time exceeded for this analysis
Verification Codes	X	Result exceeds permit limits
Verification Codes	T	Holding time exceeded for this analysis
Verification Codes	SXT	Result exceeds historical statistics and permit limits and holding time exceeded for this analysis
Verification Codes	SX	Result exceeds historical statistics and permit limits
Verification Codes	ST	Result exceeds statistical controls based on historical data and holding time exceeded for this analysis
Verification Codes	N	No verification information available
Lab Qualifiers	!	Refer to RSLT_PREFIX_QUALIFIER for more information
Lab Qualifiers	*	ANION/METAL/RADS/OTHIN/TCLPMET: Duplicate analysis was not within control limits; DI FURA/HERB/PPCB/SVOA/TCLPHRB/TCLPVOA/TCLPSVL/TCLPPST/VOA: Surrogate values outside of control limits; ALL ANALYSIS TYPES: Duplicate analysis not within control limits (pre
Lab Qualifiers	<	Numerical value reported was less than the requested reporting limit (e.g. MDL, MDA, RRL, IDL).
Lab Qualifiers	>	Actual value was greater than the reported result.
Lab Qualifiers	+	METAL: Correlation coefficient for MSA (Method of Standard Additions) < 0.995
Lab Qualifiers	C	METEO: Calm wind (wind speed only); PPCB: Pesticide confirmed by GC/MS(Gas Chromatography/Mass Spectrometry); METAL: Possible contamination
Lab Qualifiers	Z	Flag three, defined in COMMENTS column
Lab Qualifiers	Y	Chemical yield exceeds acceptance limits
Lab Qualifiers	X	METEO: Rate of change exceeded; DI FURA/HERB/PPCB/SVOA/TCLPHRB/TCLPVOA/TCLPSVL/TCLPPST/VOA: Used when more than five qualifiers are required for a result
Lab Qualifiers	W	METAL: Post-digestion spike for AA(Atomic Absorption) out of control limit
Lab Qualifiers	V	Incomplete sample (e.g., sample is a partial file); METEO: Variable wind direction
Lab Qualifiers	U	ALL ANALYSIS TYPES: Not detected
Lab Qualifiers	O	METEO: Rate of change alarm limit exceeded (data valid)
Lab Qualifiers	N	ANION/METAL/OTHIN/TCLPMET/WETCHEM: Spike recovery not within control limits; SVOA/VOA: Applied to TIC (Tentatively Identified Compound) results that are reported as specific compounds based on a mass spectral library search; ALL ANALYSIS TYPES: Test was t
Lab Qualifiers	M	METAL: Duplicate injection precision not met; RADS: Matrix Spike recovery is < 80% or > 120% (pre-05/30/03 definition)

Lab Qualifiers	L	METEO: Low alarm limit exceeded (data valid); RADS: Reported measurement is associated with a negative blank; RADS: Laboratory Control Sample activity exceeds plus/minus 3 standard deviations of the mean (pre-05/30/03 definition)
Lab Qualifiers	K	RADS: Missing one or more lines in spectrum
Lab Qualifiers	J	BIOSURVY: Estimated value; ALL ANALYSIS TYPES: Estimated Quantitation; ANION/DI FURA/HERB/PHYSC/PPCB/RADS/SVOA/VOA: Estimated, TIC (Tentatively Identified Compound) or < specified detection limit (pre-05/30/03 definition)
Lab Qualifiers	I	BIOTOX: Indeterminate sex; RADS: Tentatively identified isotope(Mixed Waste Characterization Project, Y-12 Oil Land Farm Soils definition)
Lab Qualifiers	H	Analysis performed outside holding time requirement.; METEO: High alarm limit exceeded(data valid)
Lab Qualifiers	G	BIOTOX: Male
Lab Qualifiers	T	BIOSURVY/BIOTOX: Thin individual; RADS: Tracer recovery is <20% or >105%
Lab Qualifiers	S	METAL/TCLPMET: Determined by Method of Standard Additions; DI FURA: Signal-to-noise ratio of the confirmation ion does not meet 2.5 S/N requirement but peak was determined to be positive in the judgement of the GC/MS analyst
Lab Qualifiers	R	Rejected
Lab Qualifiers	P	HERB/PPCB: > 25% difference between two columns for Pesticides/Aroclors; METEO: Power down during reporting interval; BIOPOP: Value reflects loss to predation
Lab Qualifiers	F	BIOSURVY: Fat individual; RADS: For alpha spec., FWHM(Full Width at Half Max) exceeded acceptance limits
Lab Qualifiers	E	ANION/METAL/OTHIN/TCLPMET: Estimated, matrix interference; DI FURA/HERB/OTHOR/PPCB/SVOA/TCLPHRB/TCLPVOA/TCLPSVL/TCLPPST/VOA: Concentration exceeds calibration range of the instrument
Lab Qualifiers	D	METEO: Channel disabled during interval; RADS: Sample is statistically different from duplicate; BIOPOP: Value reflects decrease due to sampling; DI FURA/HERB/PPCB/SVOA/TCLPHRB/TCLPVOA/TCLPSVL/TCLPPST/VOA/OTHOR: Identified in an analysis at a secondary di
Lab Qualifiers	B	ANION/METAL/OTHIN/TCLPMET/WETCHEM: Value was less than the CRDL (Contract Required Detection Limit) or RRL (Required Reporting Limit) specified, but greater than or equal to the IDL (Instrument Detection Limit)/MDL (Method Detection Limit); DI FURA/HERB/P
Lab Qualifiers	A	SVOA/VOA: TIC (Tentatively Identified Compound) was suspected aldol condensation product; PPCB/SVOA/VOA: Suspected aldol-condensation product (pre-05/30/03 definition) RAD: Analyzed but not detected at the analyte quantitation limit. (LAB_CODEs PORTS, PGD)
Lab Qualifiers	?	Other, defined in COMMENTS column
Sample Type	?	Other, defined in COMMENTS column
Sample Type	DI	Deionized Water used for preparing blanks, etc.
Sample Type	PRBL	Preservative blank
Sample Type	REG	Regular
Sample Type	TLC	Toxicity Laboratory Control Sample
Sample Type	TB	Trip Blank
Sample Type	RI	QC Equipment Rinsate/Decon
Sample Type	REP4	Replicate 4
Sample Type	REP3	Replicate 3
Sample Type	REP2	Replicate 2
Sample Type	REP1	Replicate 1
Sample Type	REP	Replicate
Sample Type	REG2	Regular sample, secondary analysis
Sample Type	RB	Refrigerator blank
Sample Type	FR	Field Replicate (Code used for Field Duplicate)
Sample Type	FTB	Filter Blank
Sample Type	FB	Field Blank
Sample Type	DIL	Laboratory dilution
UNITS	%	percent
UNITS	% moisture	percent moisture
UNITS	API	API Gravity
UNITS	R	roentgen
UNITS	Pa	pascal
UNITS	L/s	litre per second

UNITS	L/min	litre per minute
UNITS	L/day	litre per day
UNITS	L	litre
UNITS	KOH equiv	potassium hydroxide equivalent
UNITS	Inches/Hg	pressure for Barometer
UNITS	IU/L	international units per litre
UNITS	Hz	hertz
UNITS	HETS/ml	Heterotrophic bacteria per milliliter
UNITS	cSt	centistokes
UNITS	avg count	average count
UNITS	atom %	percent of total atoms of the element analyzed
UNITS	asb types	asbestos type
UNITS	THB/ml	THB per milliliter
UNITS	TCU	total color units
UNITS	Std Unit	standard unit
UNITS	SUS	Saybolt Universal Seconds
UNITS	S	siemens (siemens = 1.000000 E-08 mho)
UNITS	deg C	degree Celsius
UNITS	darcy	Permeability of porous solids
UNITS	d	day
UNITS	cps/kg	counts per second per kilogram
UNITS	cpm	counts per minute
UNITS	count/m2	count per square meter
UNITS	count	count
UNITS	col/100ml	coliform per 100 millilitres
UNITS	cm3/cm3	cubic centimetres per cubic centimetres
UNITS	CPS	Count per seconds
UNITS	CP	Chloroplatinate - the amount of color measured against a standard that is a function of the amount of platinum in the standard.
UNITS	C/kg	coulomb per kilogram
UNITS	Btu/lb	British thermal unit per pound
UNITS	Btu	British thermal unit
UNITS	Bq/ml	becquerel per milliliter
UNITS	Bq/kg	becquerel per kilogram
UNITS	Bq/g	becquerel per gram
UNITS	Bq/filter	becquerel per filter
UNITS	Bq/L	becquerel per litre
UNITS	Bq	becquerel
UNITS	yr	year
UNITS	wtpm	weight part per million
UNITS	wt %	weight percent
UNITS	vol %	volume percent
UNITS	umho/cm	microconductance in reciprocal ohm per centimetre
UNITS	umho	microconductance in reciprocal ohm
UNITS	um	micrometre
UNITS	ugU235/g	MicroGrams U-235 per Gram
UNITS	ugU235/L	MicroGrams U-235 per Liter

UNITS	ugS/g	microgram siemens per gram
UNITS	ug/wipe	microgram per wipe
UNITS	ug/tube	microgram per tube
UNITS	ug/sample	microgram per sample
UNITS	ug/mlU	microgram per millilitre of U
UNITS	ug/ml	microgram per millilitre
UNITS	ug/mg	microgram per milligram
UNITS	ug/m3	microgram per cubic metre
UNITS	ug/kg	microgram per kilogram
UNITS	ug/gU	microgram per gram of U
UNITS	ug/g	microgram per gram
UNITS	ug/filter	microgram per filter
UNITS	ug/cm3	microgram per cubic centimetre
UNITS	ug/cm2 (dry)	micrograms per square centimetre
UNITS	ug/cm2	microgram per square centimetre
UNITS	ug/L	microgram per litre
UNITS	ug Pu/kg U	micrograms Plutonium per Kilogram Uranium
UNITS	ug Np/kg U	micrograms Neptunium per Kilograms Uranium
UNITS	ug C/ug Chla/h	micrograms of carbon incorporated per microgram of chlorophyll-a per hour
UNITS	ug C/cm2/h	micrograms of carbon incorporated per square centimetre per hour
UNITS	ug	microgram
UNITS	uS/cm	microsiemens per centimetre
UNITS	uRem	milliRem
UNITS	uL	microlitre
UNITS	uCi/sample	microcurie per sample
UNITS	uCi/ml	microcurie per millilitre
UNITS	uCi/g	microcurie per gram
UNITS	uCi/L	microcurie per litre
UNITS	uC/L	microcoulomb per litre
UNITS	tot_ugU	total micrograms of U
UNITS	tot_ug	total micrograms
UNITS	tot_g	total grams
UNITS	ton/yr	ton per year
UNITS	s	second
UNITS	rsd	relative standard deviation
UNITS	rem	rem (dose equivalent)
UNITS	rd	rad (absorbed dose)
UNITS	ppt	part per trillion
UNITS	ppmv	part per million per volume
UNITS	ppm	part per million
UNITS	ppbv	part per billion per volume
UNITS	ppb (v/v)	part per billion
UNITS	ppb	part per billion
UNITS	pmol/min/mg MPRO	picomoles per minute, per mg of microsomal protein
UNITS	pmol/mg/mn	picomoles per milligram per minute
UNITS	phase	phase

UNITS	pg/g	picograms per gram
UNITS	pg/L	picogram per litre
UNITS	pCi/wipe	picocurie per wipe
UNITS	pCi/ug	picocurie per microgram
UNITS	pCi/sample	picocurie per sample
UNITS	pCi/ml	picocurie per millilitre
UNITS	pCi/mg	picocurie per milligram
UNITS	pCi/m3	picocurie per cubic metre
UNITS	pCi/kg	picocurie per kilogram
UNITS	pCi/g U	pCi per gram UF6
UNITS	pCi/g	picocurie per gram
UNITS	pCi/filter	picocurie per filter
UNITS	pCi/L	picocurie per litre
UNITS	pCi	picocurie
UNITS	oz/gallon	ounce per gallon
UNITS	oz	ounces
UNITS	organ/ml	organism per millilitre
UNITS	organ/L	organism per litre
UNITS	ohms/cm3	ohms per cubic centimetre
UNITS	ohm	ohm
UNITS	none	no unit (units are not associated with this parameter)
UNITS	nmol/min/mg MPRO	nanomoles per minute, per mg of microsomal protein
UNITS	nmol/mg/ml	nanomoles per milligram per millilitre
UNITS	nmol/mg MPRO	nanomoles per milligram of microsomal protein
UNITS	nmol/mg	nanomoles per milligram
UNITS	nm	nanometre
UNITS	ng/ml	nanogram per millilitre
UNITS	ng/m3	nanograms per cubic meter
UNITS	ng/kg	nanogram per kilogram
UNITS	ng/g	nanogram per gram
UNITS	ng/L	nanogram per litre
UNITS	ng	nanogram
UNITS	mru	mean relative unit
UNITS	mrem/h	millirem per hour
UNITS	mrem	mrem (dose equivalent)
UNITS	mole %	mole percent
UNITS	mol/L	Molarity
UNITS	mm2	square millimetre
UNITS	mm/yr	millimetre per year
UNITS	mm Hg	pressure in millimetre of mercury
UNITS	mm	millimetre
UNITS	ml/min	milliliter per minute
UNITS	ml/L	millilitre per litre
UNITS	ml/100ml	millilitre per 100 millilitres
UNITS	ml	millilitre
UNITS	min	minute

UNITS	mho	conductance in reciprocal ohm
UNITS	mgd	millions of gallons per day
UNITS	mgal	millions of gallons
UNITS	mg/tube	milligram per tube
UNITS	mg/ml	milligram per millilitre
UNITS	mg/m ³	milligram per cubic metre
UNITS	mg/kg	milligram per kilogram
UNITS	mg/g	milligram per gram
UNITS	mg/filter	milligram per filter
UNITS	mg/dl	milligram per decilitre
UNITS	mg/L CaCO ₃	milligram per litre as calcium carbonate
UNITS	mg/L	milligram per litre
UNITS	mg/Kg/Sec	milligram per kilogram per second
UNITS	mg MPRO/g liverw	milligrams of microsomal protein per gram of liver (wet weight)
UNITS	mg	milligram
UNITS	meq/g	milliequivalent per gram
UNITS	meq/L	milliequivalent per litre
UNITS	meq/100g	milliequivalent per 100 grams
UNITS	mV	millivolt
UNITS	mS/cm	millisiemens per centimetre
UNITS	mR/h	milliroentgen per hour
UNITS	mR	metre roentgen
UNITS	mHz	megahertz
UNITS	mCi/w	milliCuries per week
UNITS	m ³ /s	cubic metre per second
UNITS	m ² /s	square metre per second
UNITS	m ²	square metre
UNITS	m/s	metre per second
UNITS	m	metre
UNITS	lbs	pounds
UNITS	lb/ft ³	pound per cubic foot
UNITS	lb/day	pound per day
UNITS	lb	pound
UNITS	kg/m ³	kilogram per cubic metre
UNITS	kg/day	kilogram per day
UNITS	kg/L	kilogram per Liter
UNITS	kg	kilogram
UNITS	kPa	kilopascal
UNITS	kHz	kilohertz
UNITS	in	inch
UNITS	h	hour
UNITS	gpw	gallons per week
UNITS	gps	gallon per second
UNITS	gpm	gallon per minute
UNITS	gpd	gallon per day
UNITS	gm	UNITS

UNITS	gal/d/ft	gallon per day per foot
UNITS	gal	gallon
UNITS	gU235/samp	Grams U-235 per sample
UNITS	gU235/g	Grams U-235 per Gram
UNITS	gU235/L	Grams U-235 per Liter
UNITS	gU235	Grams U-235 for wipe/smear/filter samples
UNITS	gU/sample	grams Uranium per sample
UNITS	gU/g	Grams U per Gram
UNITS	gU/L	Grams U per Liter
UNITS	gHz	gigahertz
UNITS	g/ml	gram per millilitre
UNITS	g/kg	Gram per Kilogram
UNITS	g/gal	gram per gallon
UNITS	g/g sample	gram per gram of sample
UNITS	g/g	gram per gram
UNITS	g/d/ft ²	gallon per day per square foot
UNITS	g/cm ³	gram per cubic centimetre
UNITS	g/L	gram per litre
UNITS	g	gram
UNITS	ft ³ /s	cubic foot per second
UNITS	ft ³ /min	cubic foot per minute
UNITS	ft ³ /day	cubic foot per day
UNITS	ft ³	cubic foot
UNITS	ft ² /d	square foot per day
UNITS	ft ²	square foot
UNITS	ft/s	foot per second
UNITS	ft/d	foot per day
UNITS	ft	foot
UNITS	fiber/mm ²	fiber per square millimetre
UNITS	fib/field	fiber per field
UNITS	equiv/L	Equivalence or normality
UNITS	drop	drop (eye dropper)
UNITS	dpm/s	disintegration per minute per sample
UNITS	dpm/ml	disintegration per minute per millilitre
UNITS	dpm/g	disintegration per minute per gram
UNITS	dpm/filter	disintegration per minute per filter
UNITS	dpm/L	disintegration per minute per litre
UNITS	dpm/100ml	disintegration per minute per 100 millilitre
UNITS	dpm	disintegration per minute
UNITS	degrees	degrees of an angle
UNITS	deg F	degree Fahrenheit
UNITS	cm ³	cubic centimetre
UNITS	cm ² /s	square centimetre per second
UNITS	cm ²	square centimetre
UNITS	cm/s	centimetre per second
UNITS	cm	centimetre

UNITS	cg	centigram
UNITS	cfu/ml	Colony forming units/milliliter
UNITS	centipoise	centipoise
UNITS	PSIA	pounds per square inch atmosphere
UNITS	PSI	Pounds per square inch
UNITS	PCF	Pounds per cubic foot
UNITS	NTU	transmittance
UNITS	NA	Not Available
UNITS	N/cm	newton per centimetre
UNITS	N	newton
UNITS	Mm3/s	cubic megametre per second
UNITS	SRB/ml	SRB per milliliter
UNITS	SCCM	Standard cubic centimetre per minute
UNITS	Ci	curie
UNITS	ASG	Apparent Specific Gravity
UNITS	API @ 68 F	Specific Gravity unit from SWRI
UNITS	ACU	apparent color unit
UNITS	% passing	percent that passed through previous sieve
UNITS	% recovery	percent recovery
VALIDATION	=	Validated result, which is detected and unqualified
VALIDATION	ED	E= J=The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample. Detected above the reported detection limit, and the reported detection limit is approximated due to quality defici
VALIDATION	U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
VALIDATION	RN	Result rejected by validator; Indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."
VALIDATION	RJ	Result rejected by validator; Analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
VALIDATION	REN	Result rejected by validator; E= J=The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample; Indicates the presence of an analyte for which there is presumptive evidence to make a
VALIDATION	RD	Result rejected by validator; Detected above the reported detection limit, and the reported detection limit is approximated due to quality deficiency.
VALIDATION	R	Result rejected by validator.
VALIDATION	NJ	Presumptively present at an estimated quantity (use with TICS only).
VALIDATION	N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."
VALIDATION	J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
VALIDATION	XZ	Data evaluation performed; Validation qualifiers not applied; Refer to RSLTQUAL field for more information
VALIDATION	XX	Unknown; Refer to the RSLTQUAL field for more information
VALIDATION	XV	Not validated; Refer to the RSLTQUAL field for more information
VALIDATION	X	Not validated; Refer to the RSLTQUAL field for more information
VALIDATION	UJ	Analyte, compound or nuclide not detected above the reported detection limit, and the reported detection limit is approximated due to quality deficiency.
VALIDATION	ENJ	E= J=The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample; Indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."
VALIDATION	EN	E= J=The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample; Indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."
VALIDATION	EJ	E= J=The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
VALIDATION	E	E= J=The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
VALIDATION	?	Other, defined in COMMENTS column(historical)
VALIDATION	D	Analyte, compound or nuclide detected above the reported detection limit, and the reported detection limit is approximated due to quality deficiency.
VALIDATION	DJ	Detected above the reported detection limit, the reported detection limit is approximated due to quality deficiency; Positively identified, the associated numerical value is the approximate concentration of the analyte in the sample.