

## DESIRED SCOPE FOR TNI FORM

**Laboratory Name:**

Tech. Key	TNI Technology Description (with test methods as examples)	DW	NPW	SCM	BT	AE
AMP	Amperometric Titration (e.g., EPA 330.1, SM4500CL D, SM4500CLO2 E)					
AS	Alpha Spectrometry (e.g., EPA 907.0, NY-02)					
ASC	Alpha Scintillation Cell Counter (e.g., EPA 903.1)					
ASV	Anodic Stripping Voltammetry (e.g., Palintest 1001, EPA 7472)					
AUTO	Auto Analyzer (e.g., EPA 353.2, SM4500N03- F)					
BETA	Beta Spectrometry (e.g., EPA 900.0)					
BGCS	Beta/Gamma Coincidence Scintillation Counter (e.g., EPA 902.0)					
	Calorimetric or Thermometric (e.g, EPA 1010, SM2550B)					
COND	Conductance (e.g., EPA 120.1, SM2510B)					
COUL	Coulometric Titration (e.g., EPA 9076, 9000)					
CVAAS	Atomic Absorption - Cold Vapor Spectrometry (e.g., EPA 245.1, SM3112B)					
CVAFS	Atomic Fluorescence - Cold Vapor Spectrometry (e.g., EPA 1631E)					
DCP-AES	Atomic Emission - Direct Current Plasma Spectrometry (e.g., ASTM D4190-94)					
DPP	Differential Pulse Polarography (e.g., EPA 7198)					
FAAS	Atomic Absorption - Flame Spectrometry (e.g., SM3111B)					
FAES	Atomic Emission - Flame Spectrometry (e.g., SM3500Na B)					
FLUOR	Ultraviolet or Visible Molecular Fluorescence Spectrometry (e.g., EPA 445.0, 908.1)					

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GALV	Galvanic Probe (e.g., EPA 405.1, SM5210B, SM2710B)					
GC-ECD	Gas Chromatography - Electron Capture Detection (e.g., EPA 608, 8081)					
GC-PID/FID	Gas Chromatography - Photoionization/Flame Ionization Detection (e.g., MA-VPH)					
GC-ELCD	Gas Chromatography - Electrolytic Conductivity Detection (e.g., EPA 601)					
GC-ELCD/PID	Gas Chromatography - Electrolytic Conductivity/Photoionization Detection (e.g., 8021)					
GC-FID	Gas Chromatography - Flame Ionization Detection (e.g., EPA 8015, 8100)					
GC-FPD	Gas Chromatography - Flame Photometric Detection (e.g., EPA 622, 8141)					
GC-FTIR	Gas Chromatography - Fourier Transform Infrared Spectrometry (e.g., EPA 8410)					
GC-HRMS	Gas Chromatography - Mass Spectrometry - High Resolution (e.g., EPA 1613)					
GC-MS	Gas Chromatography - Mass Spectrometry (e.g., EPA 625, 8270)					
	Gas Chromatography - Tandem Mass Spectrometry					
GC-NPD	Gas Chromatography - Nitrogen/Phosphorus Detection (e.g., EPA 607, 8070)					
GC-PID	Gas Chromatography - Photoionization Detection (e.g., EPA 602)					
GFAAS	Atomic Absorption - Graphite Furnace Spectrometry (e.g., SM3113B, EPA 200.9)					
GRAV	Gravimetry (e.g., SM2540C, EPA 1664A)					
GS-HR	Gamma Spectrometry - High Resolution (e.g., EPA 901.1)					
GS-LR	Gamma Spectrometry - Low Resolution (e.g., EPA 901.0)					
HGAAS	Atomic Absorption - Hydride Generation Spectrometry (e.g., SM3114B)					

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HPLC-ELEC	High Performance Liquid Chromatography - Electrochemical (e.g., EPA 605)					
HPLC-FLUOR	High Performance Liquid Chromatography - Ultraviolet/Visible Molecular Fluorescence					
HPLC-IR	High Performance Liquid Chromatography - Infrared Molecular Absorption					
HPLC-PBMS	High Performance Liquid Chromatography - Mass Spectrometry-Particle Beam					
HPLC-TSMS	High Performance Liquid Chromatography - Mass Spectrometry-Thermospray					
HPLC-MS-MS	High Performance Liquid Chromatography - Tandem Mass Spectrometry					
HPLC-UV	High Performance Liquid Chromatography - Ultraviolet/Visible Molecular Absorption					
IC-COND	Ion Chromatography - Electroconductivity (e.g., EPA 300.0, 314.0)					
IC-MS	Ion Chromatography - Mass Spectrometry (e.g., EPA 331.0)					
IC-MS-MS	Ion Chromatography - Tandem Mass Spectrometry					
IC-UV	Ion Chromatography - UV (e.g., EPA 7199, SM3500Cr C)					
ICP-AES	Atomic Emission - Inductively Coupled Plasma Spectrometry (e.g., EPA 200.7, 6010)					
ICP-MS	Mass Spectrometry - Inductively Coupled Plasma (e.g., EPA 200.8, 6020)					
ISE	Ion Selective Electrode (e.g., SM4500H+ B, SM4500F- C)					
IMM	Immunoassay (e.g., EPA 4000-series methods)					
IR	Infrared Spectrometry (e.g., EPA 418.1, SM5520C)					
LSC	Liquid Scintillation Counter (e.g., EPA 906.0)					
LP	Lasar Phosphorimetry e.g., ASTM D5174-97)					

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NAA	Neutron Activation Analysis (e.g., EPA 9022)					
PC	Proportional Counter (e.g., EPA 900.0, 903.0, 904.0)					
PCM	Phase Contrast Microscopy (e.g., for Airborne Asbestos)					
	Miscellaneous Physical Properties (e.g., EPA 1030, 9095, SM2150B)					
PLM	Polarized Light Microscopy (e.g., for Bulk Asbestos)					
POL	Polarographic Probe					
SEM	Scanning Electron Microscopy (for Asbestos?)					
TEM	Transmission Electron Microscopy (e.g., EPA 100.1, 100.2)					
TITR	Titrimetry - Visual Indicator (SM4500CI- B, SM2340C)					
TOC-FID	Total Organic Carbon - Flame Ionization Detector (e.g., SM5310C)					
TOC-IR	Total Organic Carbon - Nondispersive Infrared Detector (e.g., SM5310B)					
TOC-UV	Total Organic Carbon - UV					
TURB	Turbidity (e.g., EPA 180.1, SM2130B)					
TOX	Total Organic Halide (also Coulometric Titration with EPA 1650, 9020?)					
UV-VIS	Ultraviolet or Visible Molecular Absorption Spectrometry (e.g., EPA 420.1)					
XRF	X-Ray Fluorescence Spectrometry (e.g., EPA 6200, 9075)					
XRT	X-Ray Transmission Spectrometry					
Other	Other (SPECIFY: )					

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CF-QL	Chromofluorogenic - Qualitative (e.g., SM9223B/P-A)					
CF-QN	Chromofluorogenic - Quantitative (e.g., COLISURE/MPN)					
C-QN	Chromogenic/MPN - Quantitative (e.g., SM9223B/MPN Tot. Coliform)					
C-QT-QN	Chromogenic/Quantitray (e.g., SM9223B/QUANTITRAY Tot. Coliform)					
FB-LE-QL	Fermentation Broth - Qualitative (e.g., SM9221B)					
FB-PAE-QL	Fermentation Broth(PA) - Qualitative (e.g., SM9221D)					
FB-PAF-QL	Fermentation Broth(PA)+Fluorogenic - Qualitative					
FB-F-QN	Fermentation Broth+Fluorogenic - Quantitative (e.g., SM9221F)					
FB-QN	Fermentation Broth - Quantitative (e.g., SM9221E, SM9230B)					
FB-A1-QN	Fermentation Broth(A-1) - Quantitative (e.g., SM9221E)					
FFIFV	Filtration/FA/IMS/FA/Viability (e.g., EPA 1623)					
F-HPC-QN	Fluorogenic(HPC) - Quantitative (e.g., SimPlate)					
F-QN	Fluorogenic/MPN - Quantitative (e.g., SM9223B/QUANTITRAY E. coli)					
F-QT-QN	Fluorogenic/Quantitray (e.g., Enterolert)					
MF-QL	Membrane Filtration - Qualitative (e.g., SM9222B)					
MF-E-QL	Membrane Filtration+Fermentation Broth - Qualitative					
MF-QN	Membrane Filtration - Quantitative (e.g., SM9222D)					
MF-2S-QN	Membrane Filtration(2-Step) - Quantitative (e.g., SM9222C)					

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MF-MEI-QN	Membrane Filtration(m-EI) - Quantitative (e.g., EPA 1600)					
MF-F-QL	Membrane Filtration+Fluorogenic - Qualitative (e.g., NA+MUG)					
MF-F-QN	Membrane Filtration+Fluorogenic - Quantitative (e.g., EPA 1604)					
MF-MTEC-QN	Membrane Filtration(m-TEC) - Quantitative (e.g., EPA 1603)					
PQ-2S-QN	Plaque Counts(2-Step) - Quantitative (e.g., EPA 1601)					
PQ-SL-QN	Plaque Counts(Single Layer) - Quantitative (e.g., EPA 1602)					
PP-QN	Pour Plate - Quantitative (e.g., SM9215B)					
SP-QN	Spread Plate - Quantitative (e.g., SM9215C)					
BioTox	Toxicity Testing (Acute and Chronic)					
MF-E-QN	Membrane Filtration+Fermentation Broth - Quantitative (e.g., SM9230C)					
FB-F-QL	Fermentation Broth+Fluorogenic - Qualitative (e.g., EC+MUG)					

**KEY**

DW = Drinking Water matrix

NPW = Non-Potable Water matrix

SCM = Solids and Chemical Materials matrix

BT = Biological Tissues matrix

AE = Air and Emissions matrix

*Forms may also be submitted directly via email to [iasinfo@iasonline.org](mailto:iasinfo@iasonline.org)*