

**NYS ENVIRONMENTAL LABORATORY APPROVAL PROGRAM  
CERTIFICATION MANUAL**

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| Technology Codes      | 04/17/25           | 1 of 3             | 180.6                  |

| <b>Technology Code</b> | <b>Technology Name</b>  |
|------------------------|---|
| 99                     | Unknown Technology  |
| AMP                    | Amperometric titration  |
| APC                    | Aerobic Plate Count   |
| ASV                    | Anodic stripping voltammetry  |
| AUTO                   | Auto Analyzer   |
| CALC                   | Calculation   |
| CF                     | Chromogenic/Fluorogenic   |
| CF-QL                  | Chromogenic/Fluorogenic – Qualitative                                   |
| CF-QN                  | Chromogenic/Fluorogenic – Quantitative                                  |
| CIE-UV                 | Capillary Electrophoresis   |
| COLOR                  | Ultraviolet or visible molecular absorption spectrometry                |
| COND                   | Conductance   |
| COUL                   | Coulometric titrimetry  |
| CRC-ICP/MS             | Chemical Reaction Cell – Inductively-coupled plasma/mass spectrometry   |
| CVAAS                  | Cold vapor atomic absorption spectrometry                               |
| CVAFS                  | Cold Vapor Atomic Fluorescence Spectrometry                             |
| DCP-AES                | Direct current plasma – Atomic emission spectrometry                    |
| DPP                    | Differential pulse polarography   |
| ELISA                  | Adda Enzyme-Linked Immunosorbent Assay                                  |
| F-HPC-QN               | Fluorogenic – Heterotrophic Plate Count – Quantitative                  |
| FAAS                   | Flame atomic absorption spectrometry                                    |
| FAES                   | Flame atomic emission spectrometry                                      |
| FB-A1-QN               | Fermentation Broth (with A-1) – Quantitative                            |
| FB-PAF-QL              | Fermentation Broth – Presence/Absence + Fluorogenic – Qualitative       |
| FB-QN                  | Fermentation Broth – Quantitative                                       |
| FLUOR                  | Ultraviolet or visible molecular fluorescence spectrometry              |
| GALV                   | Galvanic probe  |
| GAMMA CNT              | Gamma Counting  |
| GC-ECD                 | Gas chromatography – Electron capture detection                         |
| GC-ELCD                | Gas chromatography – Electrolytic conductivity detection                |
| GC-FID                 | Gas chromatography – Flame ionization detection                         |
| GC-FTIR                | Gas chromatography – Fourier transform infrared spectrometric detection |
| GC-FPD                 | Gas chromatography – Flame photometric detection                        |
| GC-HRMS                | Gas chromatography – High resolution mass spectrometric detection       |
| GC-LRMS                | Gas chromatography – Low resolution mass spectrometric detection        |
| GC-MS                  | Gas chromatography – Mass spectrometric detection                       |
| GC-NPD                 | Gas chromatography – Nitrogen/phosphorus detector                       |
| GC-PID                 | Gas chromatography – Photoionization detection                          |
| GCELCD/PID             | GC- Electrolytic conductivity/Photoionization detection                 |
| GFAAS                  | Graphite furnace atomic absorption spectrometry                         |
| GRAV                   | Gravimetry  |

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|                   |  |
|-------------------|--|
| HGAAS             | Hydride generation atomic absorption spectrometry  |
| HPC               | Heterotrophic Plate Count  |
| HPLC-EC           | High performance liquid chromatography – Electrochemical detection   |
| HPLC-ESMS         | High performance liquid chromatography – Electrospray mass spectrometric detection                             |
| HPLC-FLUOR        | High performance liquid chromatography – Ultraviolet or visible molecular fluorescence spectrometric detection |
| <b>HPLC-MS-MS</b> | <b>High Performance Liquid Chromatography - Tandem Mass Spectrometer</b>                                       |
| HPLC-PBMS         | High performance liquid chromatography – Particle beam mass spectrometric detection                            |
| HPLC-PDAUV        | High performance liquid chromatography - Photodiode array - ultraviolet detection                              |
| HPLC-TSMS         | High performance liquid chromatography – Thermospray mass spectrometric detection                              |
| HPLC-UV           | High performance liquid chromatography – Ultraviolet/visible molecular absorption detection                    |
| IC                | Ion chromatography   |
| IC-COND           | Ion chromatography – Conductivity Detection  |
| IC-UV             | Ion chromatography – Ultraviolet Detection   |
| IC-ESI-MS/MS      | Ion chromatography – Electrospray ionization – Tandem mass spectrometry  |
| ICP-AES           | Inductively-coupled plasma – Atomic emission spectrometry  |
| ICP-MS            | Inductively-coupled plasma – Mass spectrometry   |
| IDENT             | Identification of Microorganisms   |
| IR                | Infrared spectrometry  |
| LC-MS/MS          | Liquid chromatography – Tandem mass spectrometry   |
| MF                | Membrane Filter  |
| MF-F-QL           | Membrane Filtration – Fluorogenic – Qualitative  |
| MF-QL             | Membrane Filtration – Qualitative  |
| MF-QN             | Membrane Filtration – Quantitative   |
| MPC               | Mold Plate Count   |
| MPN               | Most Probable Number   |
| MTF               | Multiple Tube Fermentation   |
| NAA               | Neutron activation analysis  |
| PA                | Presence/Absence   |
| PAF-QN            | Presence/Absence + Fluorogenic – Quantitative  |
| PCM               | Phase Contrast Microscopy  |
| PLM               | Polarized Light Microscopy   |
| PLM/SEM           | Polarized Light Microscopy/Scanning Electron Microscopy  |
| POL               | Polarographic probe  |
| POT               | Potentiometry (ion-selective electrode)  |
| PP-QN             | Pour Plate Quantitative  |
| PREP              | Preparation/Digestion/Extraction of Sample   |
| PROP CNT          | Proportional Counting  |
| SCIN CNT          | Scintillation Counting   |

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SP-QN            Spread Plate Quantitative  
TEM             Transmission electron microscopy  
TITR             Titrimetry (visual indicator)  
**BIOTOX**        **Aquatic Toxicity**/Toxicity Testing for Whole Effluent (acute and  
                      chronic)  
VOLT             Voltametry  
XRF              X-ray fluorescence spectrometry