

**ENVIRONMENTAL LABORATORY APPROVAL PROGRAM
CERTIFICATION MANUAL**

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| Technology Code | Technology Name |
|------------------------|---|
| 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 |

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| GRAV | Gravimetry |
| 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 |
| 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)
TT **Toxicity Testing for Whole Effluent (acute and chronic)**
VOLT Voltametry
XRF X-ray fluorescence spectrometry