

INSTRUMENTATION FAMILIARITY SELF-ASSESSMENT

Rate familiarity on a scale from 0-10 where 0 is completely unfamiliar / never heard of before, and 10 is an expert use level.

Amperometry	Rating: _____	System Used: _____
Bomb Calorimetry	Rating: _____	System Used: _____
Centrifugation	Rating: _____	System Used: _____
Chemiluminescence	Rating: _____	System Used: _____
Cold Vapor Atomic Absorption	Rating: _____	System Used: _____
Cold Vapor Atomic Fluorescence Spectrometry	Rating: _____	System Used: _____
Conductivity	Rating: _____	System Used: _____
Corrosivity	Rating: _____	System Used: _____
Density Meter	Rating: _____	System Used: _____
Discrete Analyzer	Rating: _____	System Used: _____
Elemental Analyzer	Rating: _____	System Used: _____
Flame Atomic Absorption	Rating: _____	System Used: _____
Leachate	Rating: _____	System Used: _____
FTIR	Rating: _____	System Used: _____
GC/ECD	Rating: _____	System Used: _____
GC/FID	Rating: _____	System Used: _____
GC/MS	Rating: _____	System Used: _____
GC/TCD	Rating: _____	System Used: _____
GCxGC TOFMS	Rating: _____	System Used: _____
High-Frequency Reciprocating Rig	Rating: _____	System Used: _____
HPLC	Rating: _____	System Used: _____
IC	Rating: _____	System Used: _____
ICP-MS	Rating: _____	System Used: _____
ICP-OES	Rating: _____	System Used: _____
Ion Selective Electrode	Rating: _____	System Used: _____
IR	Rating: _____	System Used: _____
Nephelometry	Rating: _____	System Used: _____
Sonication	Rating: _____	System Used: _____
Use of Cetane Engine	Rating: _____	System Used: _____
Use of Octane Engine	Rating: _____	System Used: _____
UV-Fluorescence	Rating: _____	System Used: _____
UV-vis Spectroscopy	Rating: _____	System Used: _____
Vapor Pressure	Rating: _____	System Used: _____
Viscosity	Rating: _____	System Used: _____

SAMPLE PREPARATION FAMILIARITY SELF-ASSESSMENT

Rate familiarity on a scale from 0-10 where 0 is completely unfamiliar / never heard of before, and 10 is an expert use level.

Acid Digestion	Rating: _____
Distillation	Rating: _____
Filtration	Rating: _____
Liquid-Liquid Micro-extraction	Rating: _____
Liquid-Liquid Separatory Funnel Extraction	Rating: _____
Liquid-Solid Extraction	Rating: _____
Matrix Exchange	Rating: _____
Serial Dilution	Rating: _____
Solid Phase Extraction	Rating: _____
Use of Auto-pipettor	Rating: _____
Vacuum Filtration	Rating: _____

TECHNIQUES FAMILIARITY SELF-ASSESSMENT

Rate familiarity on a scale from 0-10 where 0 is completely unfamiliar / never heard of before, and 10 is an expert use level.

Fluorescent Indicator Adsorption

Rating: _____

Ignitability

Rating: _____

Luminosity

Rating: _____

Oxidation Stability

Rating: _____

Oxidative Combustion

Rating: _____

Titration

Rating: _____

Use of Balance

Rating: _____

BIOLOGICAL TESTING FAMILIARITY SELF-ASSESSMENT

Rate familiarity on a scale from 0-10 where 0 is completely unfamiliar / never heard of before, and 10 is an expert use level.

Aerobic Plate Count	Rating: _____
Aseptic Technique	Rating: _____
Autoclaving	Rating: _____
BOD5/CBOD5	Rating: _____
<i>Ceriodaphnia dubia</i> Culture Maintenance	Rating: _____
<i>Daphnia magna</i> Culture Maintenance	Rating: _____
Enzyme Substrate Ligand Exchange	Rating: _____
Media Preparation	Rating: _____
Membrane Filtration	Rating: _____
<i>Pimephales promelas</i> (Fathead Minnow) Breeding	Rating: _____
<i>Pimephales promelas</i> (Fathead Minnow) Culture Maintenance	Rating: _____
Plate Count	Rating: _____
Leachate	Rating: _____
Water Effect Ratio Testing	Rating: _____
Whole Effluent Toxicity Testing	Rating: _____

MATRICES FAMILIARITY SELF-ASSESSMENT

Rate familiarity on a scale from 0-10 where 0 is completely unfamiliar / never heard of before, and 10 is an expert use level.

Aqueous Liquids	Rating: _____
Biodiesel (and blends)	Rating: _____
CNG	Rating: _____
Coker feed	Rating: _____
Denatured Fuel Ethanol	Rating: _____
Diesel	Rating: _____
Drinking Water	Rating: _____
Ethanol (and blends)	Rating: _____
Gasoline	Rating: _____
Groundwater	Rating: _____
Jet-fuel	Rating: _____
Kerosene	Rating: _____
Leachate	Rating: _____
Liquid Pressurized Gas (Propane or Butane)	Rating: _____
N-methyl-2-pyrrolidone (NMP)	Rating: _____
Oil	Rating: _____
Petrochemical Industry Aqueous Liquids	Rating: _____
Propylene Glycol	Rating: _____
Recycled Used Oil	Rating: _____
Semi-solid	Rating: _____
Soil	Rating: _____
Solid	Rating: _____
Waste Water	Rating: _____
Water	Rating: _____