The State of Washington
Department of Ecology

APPL Inc
Clovis, CA

has complied with provisions set forth in Chapter 173-50 WAC and is hereby recognized by the Department of Ecology as an ACCREDITED LABORATORY for the analytical parameters listed on the accompanying Scope of Accreditation. This certificate is effective November 20, 2017 and shall expire November 19, 2018.

Witnessed under my hand on November 20, 2017

Rebecca Wood
Acting Lab Accreditation Unit Supervisor

Laboratory ID
C790

WASHINGTON STATE DEPARTMENT OF ECOLOGY

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

SCOPE OF ACCREDITATION

APPL Inc

Clovis, CA

is accredited for the analytes listed below using the methods indicated. Full accreditation is granted unless stated otherwise in a note. EPA is the U.S. Environmental Protection Agency. SM is "Standard Methods for the Examination of Water and Wastewater." SM refers to EPA approved method versions. ASTM is the American Society for Testing and Materials. USGS is the U.S. Geological Survey. AOAC is the Association of Official Analytical Chemists. Other references are described in notes.

Matrix/Analyte	Method	Notes
Non-Potable Water		
Perchlorate	EPA 6850-07	1
Alkalinity	SM 2320 B-2011	1,88
Specific Conductance	SM 2510 B-2011	1,88
Solids, Total Dissolved	SM 2540 C-2011	1,88
Solids, Total Suspended	SM 2540 D-2011	1
Sulfide	SM 4500-$S2^{-}$ F-2011	1,88
Solid and Chemical Materials		
Perchlorate	EPA 6850-07	1
Cyanide, Total	EPA 9014_ (7/14)	1
Cyanides, Amenable to Chlorination	EPA 9014_ (7/14)	1
pH	EPA 9040C_2002	1
pH	EPA 9045D_2002	1
Bromide	EPA 9056A_(02/07)	1,2
Chloride	EPA 9056A_(02/07)	1,2
Fluoride	EPA 9056A_(02/07)	1,2
Nitrate + Nitrite	EPA 9056A_(02/07)	1,2
Nitrate as N	EPA 9056A_(02/07)	1,2
Nitrite as N	EPA 9056A_(02/07)	1,2
Orthophosphate	EPA 9056A_(02/07)	1,2
Sulfate	EPA 9056A_(02/07)	1,2
Solids, Total Dissolved	SM 2540 C-2011	1,88
Total Organic Carbon	Walkley-Black	1

Matrix/Analyte	Method	Notes
Aluminum	EPA 6010D_(7/14)	1
Antimony	EPA 6010D_(7/14)	1
Arsenic	EPA 6010D_(7/14)	1
Barium	EPA 6010D_(7/14)	1
Beryllium	EPA 6010D_(7/14)	1
Cadmium	EPA 6010D_(7/14)	1
Calcium	EPA 6010D_(7/14)	1
Chromium	EPA 6010D_(7/14)	1
Cobalt	EPA 6010D_(7/14)	1
Copper	EPA 6010D_(7/14)	1
Iron	EPA 6010D_(7/14)	1
Lead	EPA 6010D_(7/14)	1
Magnesium	EPA 6010D_(7/14)	1
Manganese	EPA 6010D_(7/14)	1
Molybdenum	EPA 6010D_(7/14)	1
Nickel	EPA 6010D_(7/14)	1
Potassium	EPA 6010D_(7/14)	1
Selenium	EPA 6010D_(7/14)	1
Silver	EPA 6010D_(7/14)	1
Sodium	EPA 6010D_(7/14)	1
Thallium	EPA 6010D_(7/14)	1
Vanadium	EPA 6010D_(7/14)	1
Zinc	EPA 6010D_(7/14)	1
Aluminum	EPA 6020B_(7/14)	1
Antimony	EPA 6020B_(7/14)	1
Arsenic	EPA 6020B_(7/14)	1
Barium	EPA 6020B_(7/14)	1
Beryllium	EPA 6020B_(7/14)	1
Cadmium	EPA 6020B_(7/14)	1
Calcium	EPA 6020B_(7/14)	1
Chromium	EPA 6020B_(7/14)	1
Cobalt	EPA 6020B_(7/14)	1
Copper	EPA 6020B_(7/14)	1
Iron	EPA 6020B_(7/14)	1
Magnesium	EPA 6020B_(7/14)	1
Manganese	EPA 6020B_(7/14)	1

Matrix/Analyte	Method	Notes
Molybdenum	EPA 6020B_(7/14)	1
Nickel	EPA 6020B_(7/14)	1
Potassium	EPA 6020B_(7/14)	1
Selenium	EPA 6020B_(7/14)	1
Silver	EPA 6020B_(7/14)	1
Sodium	EPA 6020B_(7/14)	1
Thallium	EPA 6020B_(7/14)	1
Vanadium	EPA 6020B_(7/14)	1
Zinc	EPA 6020B_(7/14)	1
Mercury	EPA 7470A_1_1994	1
Mercury	EPA 7471B_(1/98)	1
Cyanide, Total	EPA 9010C_2002	1
Cyanides, Amenable to Chlorination	EPA 9010C_2002	1
4,4'-DDD	EPA 8081B_(2/07)	1
4,4'-DDE	EPA 8081B_(2/07)	1
4,4'-DDT	EPA 8081B_(2/07)	1
Aldrin	EPA 8081B_(2/07)	1
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081B_(2/07)	1
alpha-Chlordane	EPA 8081B_(2/07)	1
Chlordane (tech.)	EPA 8081B_(2/07)	1
delta-BHC	EPA 8081B_(2/07)	1
Dieldrin	EPA 8081B_(2/07)	1
Endosulfan I	EPA 8081B_(2/07)	1
Endosulfan II	EPA 8081B_(2/07)	1
Endosulfan sulfate	EPA 8081B_(2/07)	1
Endrin	EPA 8081B_(2/07)	1
Endrin aldehyde	EPA 8081B_(2/07)	1
Endrin ketone	EPA 8081B_(2/07)	1
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081B_(2/07)	1
gamma-Chlordane	EPA 8081B_(2/07)	1
Heptachlor	EPA 8081B_(2/07)	1
Heptachlor epoxide	EPA 8081B_(2/07)	1
Methoxychlor	EPA 8081B_(2/07)	1
Toxaphene (Chlorinated camphene)	EPA 8081B_(2/07)	1
Aroclor-1016 (PCB-1016)	EPA 8082A_(2/07)	
Aroclor-1221 (PCB-1221)	EPA 8082A_(2/07)	1

Matrix/Analyte	Method	Notes
Aroclor-1232 (PCB-1232)	EPA 8082A_(2/07)	1
Aroclor-1242 (PCB-1242)	EPA 8082A_(2/07)	1
Aroclor-1248 (PCB-1248)	EPA 8082A_(2/07)	1
Aroclor-1254 (PCB-1254)	EPA 8082A_(2/07)	1
Aroclor-1260 (PCB-1260)	EPA 8082A_(2/07)	1
Aroclor-1262 (PCB-1262)	EPA 8082A_(2/07)	1
Aroclor-1268 (PCB-1268)	EPA 8082A_(2/07)	1
1,1,1,2-Tetrachloroethane	EPA 8260C_(8/06)	1
1,1,1-Trichloroethane	EPA 8260C_(8/06)	1
1,1,2,2-Tetrachloroethane	EPA 8260C_(8/06)	1
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260C_(8/06)	1
1,1,2-Trichloroethane	EPA 8260C_(8/06)	1
1,1-Dichloroethane	EPA 8260C_(8/06)	1
1,1-Dichloroethylene	EPA 8260C_(8/06)	1
1,1-Dichloropropene	EPA 8260C_(8/06)	1
1,2,3-Trichlorobenzene	EPA 8260C_(8/06)	1
1,2,3-Trichloropropane	EPA 8260C_(8/06)	1
1,2,4-Trichlorobenzene	EPA 8260C_(8/06)	1
1,2,4-Trimethylbenzene	EPA 8260C_(8/06)	1
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260C_(8/06)	1
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260C_(8/06)	1
1,2-Dichlorobenzene	EPA 8260C_(8/06)	1
1,2-Dichloroethane	EPA 8260C_(8/06)	1
1,2-Dichloropropane	EPA 8260C_(8/06)	1
1,3,5-Trimethylbenzene	EPA 8260C_(8/06)	1
1,3,5-Trimethylbenzene	EPA 8260C_(8/06)	1
1,3,5-Trimethylbenzene	EPA 8260C_(8/06)	1
1,3-Dichlorobenzene	EPA 8260C_(8/06)	1
1,3-Dichlorobenzene	EPA 8260C_(8/06)	1
1,3-Dichloropropane	EPA 8260C_(8/06)	1
1,3-Dichloropropene	EPA 8260C_(8/06)	1
1,3-Dichloropropene	EPA 8260C_(8/06)	1
1,4-Dichlorobenzene	EPA 8260C_(8/06)	1
1,4-Dioxane (1,4- Diethyleneoxide)	EPA 8260C_(8/06)	1
2,2-Dichloropropane	EPA 8260C_(8/06)	1
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260C_(8/06)	1

Matrix/Analyte	Method	Notes
2-Chloroethyl vinyl ether	EPA 8260C_(8/06)	1
2-Chlorotoluene	EPA 8260C_(8/06)	1
2-Hexanone	EPA 8260C_(8/06)	1
4-Chlorotoluene	EPA 8260C_(8/06)	1
4-Chlorotoluene	EPA 8260C_(8/06)	1
4-Isopropyltoluene (p-Cymene)	EPA 8260C_(8/06)	1
4-Methyl-2-pentanone (MIBK)	EPA 8260C_(8/06)	2
Acetone	EPA 8260C_(8/06)	1
Acetonitrile	EPA 8260C_(8/06)	1
Acetonitrile	EPA 8260C_(8/06)	1
Acrolein (Propenal)	EPA 8260C_(8/06)	1
Acrolein (Propenal)	EPA 8260C_(8/06)	1
Acrylonitrile	EPA 8260C_(8/06)	1
Benzene	EPA 8260C_(8/06)	1
Benzyl chloride	EPA 8260C_(8/06)	1
Bromobenzene	EPA 8260C_(8/06)	1
Bromochloromethane	EPA 8260C_(8/06)	1
Bromodichloromethane	EPA 8260C_(8/06)	1
Bromoform	EPA 8260C_(8/06)	1
Carbon disulfide	EPA 8260C_(8/06)	1
Carbon tetrachloride	EPA 8260C_(8/06)	1
Carbonyl sulfide	EPA 8260C_(8/06)	1
Chlorobenzene	EPA 8260C_(8/06)	1
Chlorodibromomethane	EPA 8260C_(8/06)	1
Chlorodibromomethane	EPA 8260C_(8/06)	1
Chloroethane	EPA 8260C_(8/06)	1
Chloroform	EPA 8260C_(8/06)	1
cis-1,2-Dichloroethylene	EPA 8260C_(8/06)	1
cis-1,3-Dichloropropene	EPA 8260C_(8/06)	1
Cyclohexane	EPA 8260C_(8/06)	1
Dibromofluoromethane	EPA 8260C_(8/06)	1
Dibromofluoromethane	EPA 8260C_(8/06)	1
Dibromomethane	EPA 8260C_(8/06)	1
Dichlorodifluoromethane	EPA 8260C_(8/06)	1
Di-isopropylether (DIPE)	EPA 8260C_(8/06)	1
Di-isopropylether (DIPE)	EPA 8260C_(8/06)	1

Matrix/Analyte	Method	Notes
Ethylbenzene	EPA 8260C_(8/06)	1
Ethyl-t-butylether (ETBE)	EPA 8260C_(8/06)	1
Ethyl-t-butylether (ETBE)	EPA 8260C_(8/06)	1
Ethyl-t-butylether (ETBE)	EPA 8260C_(8/06)	1
Gasoline range organics (GRO)	EPA 8260C_(8/06)	1
Gasoline range organics (GRO)	EPA 8260C_(8/06)	1
Hexachlorobutadiene	EPA 8260C_(8/06)	1
Hexachloroethane	EPA 8260C_(8/06)	1
Iodomethane (Methyl iodide)	EPA 8260C_(8/06)	1
Isopropylbenzene	EPA 8260C_(8/06)	1
Methyl acetate	EPA 8260C_(8/06)	1
Methyl acetate	EPA 8260C_(8/06)	1
Methyl bromide (Bromomethane)	EPA 8260C_(8/06)	1
Methyl bromide (Bromomethane)	EPA 8260C_(8/06)	1
Methyl chloride (Chloromethane)	EPA 8260C_(8/06)	1
Methyl chloride (Chloromethane)	EPA 8260C_(8/06)	1
Methyl tert-butyl ether (MTBE)	EPA 8260C_(8/06)	1
Methyl tert-butyl ether (MTBE)	EPA 8260C_(8/06)	1
Methylcyclohexane	EPA 8260C_(8/06)	1
Methylcyclohexane	EPA 8260C_(8/06)	1
Methylene chloride	EPA 8260C_(8/06)	1
Methylene chloride (Dichloromethane)	EPA 8260C_(8/06)	1
m-Xylene	EPA 8260C_(8/06)	1
Naphthalene	EPA 8260C_(8/06)	1
n-Butylbenzene	EPA 8260C_(8/06)	1
n-Butylbenzene	EPA 8260C_(8/06)	1
Nitrobenzene	EPA 8260C_(8/06)	1
n-Propylbenzene	EPA 8260C_(8/06)	1
n-Propylbenzene	EPA 8260C_(8/06)	1
o-Xylene	EPA 8260C_(8/06)	1
sec-Butylbenzene	EPA 8260C_(8/06)	1
Styrene	EPA 8260C_(8/06)	1
tert-Butyl alcohol	EPA 8260C_(8/06)	1
tert-Butyl alcohol	EPA 8260C_(8/06)	1
tert-Butyl alcohol	EPA 8260C_(8/06)	1
tert-Butylbenzene	EPA 8260C_(8/06)	1

Matrix/Analyte	Method	Notes
tert-Butylbenzene	EPA 8260C_(8/06)	1
Tetrachloroethylene (Perchloroethylene)	EPA 8260C_(8/06)	1
Tetrachloroethylene (Perchloroethylene)	EPA 8260C_(8/06)	1
Toluene	EPA 8260C_(8/06)	1
trans-1,2 Dichloroethylene	EPA 8260C_(8/06)	1
trans-1,3-Dichloropropylene	EPA 8260C_(8/06)	1
trans-1,4-Dichloro-2-butene	EPA 8260C_(8/06)	1
Trichloroethene (Trichloroethylene)	EPA 8260C_(8/06)	1
Trichlorofluoromethane	EPA 8260C_(8/06)	1
Vinyl acetate	EPA 8260C_(8/06)	1
Vinyl chloride	EPA 8260C_(8/06)	1
Xylene (total)	EPA 8260C_(8/06)	1
1,2,4,5-Tetrachlorobenzene	EPA 8270D_5_(7/14)	1
1,2,4-Trichlorobenzene	EPA 8270D_5_(7/14)	1
1,2-Dichlorobenzene	EPA 8270D_5_(7/14)	1
1,3-Dichlorobenzene	EPA 8270D_5_(7/14)	1
1,4-Dichlorobenzene	EPA 8270D_5_(7/14)	1
1-Methylnaphthalene	EPA 8270D_5_(7/14)	1
2,3,4,6-Tetrachlorophenol	EPA 8270D_5_(7/14)	1
2,4,5-Trichlorophenol	EPA 8270D_5_(7/14)	1
2,4,6-Trichlorophenol	EPA 8270D_5_(7/14)	1
2,4-Dichlorophenol	EPA 8270D_5_(7/14)	1
2,4-Dimethylphenol	EPA 8270D_5_(7/14)	1
2,4-Dinitrophenol	EPA 8270D_5_(7/14)	1
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270D_5_(7/14)	1
2,6-Dichlorophenol	EPA 8270D_5_(7/14)	1
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270D_5_(7/14)	1
2-Chlorophenol	EPA 8270D_5_(7/14)	1
2-Methylnaphthalene	EPA 8270D_5_(7/14)	1
2-Methylphenol (o-Cresol)	EPA 8270D_5_(7/14)	1
2-Naphthylamine	EPA 8270D_5_(7/14)	1
2-Nitroaniline	EPA 8270D_5_(7/14)	1
2-Nitrophenol	EPA 8270D_5_(7/14)	1
3,3'-Dichlorobenzidine	EPA 8270D_5_(7/14)	1
3,3'-Dimethylbenzidine	EPA 8270D_5_(7/14)	1
3-Methylphenol (m-Cresol)	EPA 8270D_5_(7/14)	1

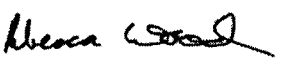
Matrix/Analyte	Method	Notes
3-Nitroaniline	EPA 8270D_5_(7/14)	1
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270D_5_(7/14)	1
4-Chloroaniline	EPA 8270D_5_(7/14)	1
4-Methylphenol (p-Cresol)	EPA 8270D_5_(7/14)	1
4-Nitroaniline	EPA 8270D_5_(7/14)	1
4-Nitrophenol	EPA 8270D_5_(7/14)	1
Acenaphthene	EPA 8270D_5_(7/14)	1
Acenaphthylene	EPA 8270D_5_(7/14)	1
Acetophenone	EPA 8270D_5_(7/14)	1
Aniline	EPA 8270D_5_(7/14)	1
Anthracene	EPA 8270D_5_(7/14)	1
Benzidine	EPA 8270D_5_(7/14)	1
Benzo(a)anthracene	EPA 8270D_5_(7/14)	1
Benzo(a)pyrene	EPA 8270D_5_(7/14)	1
Benzo(g,h,i)perylene	EPA 8270D_5_(7/14)	1
Benzo(k)fluoranthene	EPA 8270D_5_(7/14)	1
Benzo[b]fluoranthene	EPA 8270D_5_(7/14)	1
Benzoic acid	EPA 8270D_5_(7/14)	1
Benzyl alcohol	EPA 8270D_5_(7/14)	1
Biphenyl	EPA 8270D_5_(7/14)	1
bis(2-Chloroethoxy)methane	EPA 8270D_5_(7/14)	1
bis(2-Chloroethyl) ether	EPA 8270D_5_(7/14)	1
Butyl benzyl phthalate	EPA 8270D_5_(7/14)	1
Carbazole	EPA 8270D_5_(7/14)	1
Chrysene	EPA 8270D_5_(7/14)	1
Di(2-ethylhexyl)phthalate	EPA 8270D_5_(7/14)	1
Dibenz(a,h) anthracene	EPA 8270D_5_(7/14)	1
Dibenzofuran	EPA 8270D_5_(7/14)	1
Diethyl phthalate	EPA 8270D_5_(7/14)	1
Dimethyl phthalate	EPA 8270D_5_(7/14)	1
Di-n-butyl phthalate	EPA 8270D_5_(7/14)	1
Di-n-octyl phthalate	EPA 8270D_5_(7/14)	1
Fluoranthene	EPA 8270D_5_(7/14)	1
Fluorene	EPA 8270D_5_(7/14)	1
Hexachlorobenzene	EPA 8270D_5_(7/14)	1
Hexachlorobutadiene	EPA 8270D_5_(7/14)	1

Matrix/Analyte	Method	Notes
Hexachlorocyclopentadiene	EPA 8270D_5_(7/14)	1
Hexachloroethane	EPA 8270D_5_(7/14)	1
Indeno(1,2,3-cd) pyrene	EPA 8270D_5_(7/14)	1
Isophorone	EPA 8270D_5_(7/14)	1
Naphthalene	EPA 8270D_5_(7/14)	1
Nitrobenzene	EPA 8270D_5_(7/14)	1
N-Nitrosodiethylamine	EPA 8270D_5_(7/14)	1
N-Nitrosodimethylamine	EPA 8270D_5_(7/14)	1
N-Nitroso-di-n-propylamine	EPA 8270D_5_(7/14)	1
N-Nitrosodiphenylamine	EPA 8270D_5_(7/14)	1
Pentachlorophenol	EPA 8270D_5_(7/14)	1
Phenol	EPA 8270D_5_(7/14)	1
Pyridine	EPA 8270D_5_(7/14)	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	EPA 8290A_1_(2/07)	1
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	EPA 8290A_1_(2/07)	1
1,2,3,4,6,7,8-Hpcdd	EPA 8290A_1_(2/07)	1
1,2,3,4,6,7,8-Hpcdf	EPA 8290A_1_(2/07)	1
1,2,3,4,7,8,9-Hpcdf	EPA 8290A_1_(2/07)	1
1,2,3,4,7,8-Hxcdd	EPA 8290A_1_(2/07)	1
1,2,3,4,7,8-Hxcdf	EPA 8290A_1_(2/07)	1
1,2,3,6,7,8-Hxcdd	EPA 8290A_1_(2/07)	1
1,2,3,6,7,8-Hxcdf	EPA 8290A_1_(2/07)	1
1,2,3,7,8,9-Hxcdd	EPA 8290A_1_(2/07)	1
1,2,3,7,8,9-Hxcdf	EPA 8290A_1_(2/07)	1
1,2,3,7,8-Pecdd	EPA 8290A_1_(2/07)	1
1,2,3,7,8-Pecdf	EPA 8290A_1_(2/07)	1
2,3,4,6,7,8-Hxcdf	EPA 8290A_1_(2/07)	1
2,3,4,7,8-Pecdf	EPA 8290A_1_(2/07)	1
2,3,7,8-TCDD	EPA 8290A_1_(2/07)	1
2,3,7,8-TCDF	EPA 8290A_1_(2/07)	1
Hpcdd, total	EPA 8290A_1_(2/07)	1
Hpcdf, total	EPA 8290A_1_(2/07)	1
Hxcdd, total	EPA 8290A_1_(2/07)	1
Hxcdf, total	EPA 8290A_1_(2/07)	1
Pecdd, total	EPA 8290A_1_(2/07)	1
Pecdf, total	EPA 8290A_1_(2/07)	1

Matrix/Analyte	Method	Notes
TCDD, total	EPA 8290A_1_(2/07)	1
TCDF, total	EPA 8290A_1_(2/07)	1
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8011-94	1
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8011-94	1
Total Petroleum Hydrocarbons	EPA 8015C	1
1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8330B_(10/06)	1
1,3-Dinitrobenzene (1,3-DNB)	EPA 8330B_(10/06)	1
2,4,6-Trinitrotoluene (2,4,6-TNT)	EPA 8330B_(10/06)	1
2,4-Dinitrotoluene (2,4-DNT)	EPA 8330B_(10/06)	1
2,6-Dinitrotoluene (2,6-DNT)	EPA 8330B_(10/06)	1
2-Amino-4,6-dinitrotoluene (2-am-dnt)	EPA 8330B_(10/06)	1
2-Nitrotoluene	EPA 8330B_(10/06)	1
3-Nitrotoluene	EPA 8330B_(10/06)	1
4-Amino-2,6-dinitrotoluene (4-am-dnt)	EPA 8330B_(10/06)	1
4-Nitrotoluene	EPA 8330B_(10/06)	1
Methyl-2,4,6-trinitrophenylnitramine (tetryl)	EPA 8330B_(10/06)	1
Nitrobenzene	EPA 8330B_(10/06)	1
Nitroglycerin	EPA 8330B_(10/06)	1
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	EPA 8330B_(10/06)	1
Picric Acid	EPA 8330B_(10/06)	1
RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)	EPA 8330B_(10/06)	1

Accredited Parameter Note Detail

(1) Accreditation based in part on recognition of Utah NELAP accreditation. (2) Accreditation is limited to liquid matrix only. (88) Interim Washington accreditation pending receipt of an updated Scope from your other recognized accreditors (Utah NELAP accreditation). This accreditation is based in part on recognition of your currently held accreditations for previous method versions.



Authentication Signature
Rebecca Wood, Acting Lab Accreditation Unit Supervisor

11/20/2017

Date