

Appendix 1
New Jersey Environmental Laboratory Certification Requirements
Laboratory Analysis of Drinking Water

Certification Code	Parameters	Technique	Approved EPA Method
<i>Inorganics</i>			
SDW02.31125	Perchlorate	LC/MS/MS	331.0
SDW04.46000	Mercury	Manual Cold Vapor	245.1
<i>Synthetic Organic Compounds</i>			
SDW05.12010	1,2-Dibromoethane(EDB)	Solvent Extract, GC	504.1
SDW05.12020	1,2-Dibromo-3-chloropropane (DBCP)	Solvent Extract, GC	504.1
SDW05.12030	1,2,3-Trichloropropane (123TCP)	Solvent Extract, GC	504.1
<i>Volatile Organics</i>			
SDW06.01010	Bromoform	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.01020	Chloroform	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.01030	Dibromochloromethane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.01040	Dichlorobromomethane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02010	Benzene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02020	Carbon Tetrachloride	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02030	Chlorobenzene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02040	1,2-Dichlorobenzene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02050	1,3-Dichlorobenzene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02060	1,4-Dichlorobenzene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02070	1,1-Dichloroethane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02080	1,2-Dichloroethane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02090	<i>cis</i> -1,2-Dichloroethylene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02100	<i>trans</i> -1,2-Dichloroethylene	GC/MS, P&T or Direct Injection, Capillary Column	524.2

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SDW06.02110	Dichloromethane (methylene chloride)	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02120	1,2-Dichloropropane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02130	Ethylbenzene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02140	Methyl- <i>tert</i> - Butyl-Ether	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02150	Naphthalene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02160	Styrene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02170	1,1,2,2-Tetrachloroethane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02180	Tetrachloroethylene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02190	1,1,1-Trichloroethane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02200	Trichloroethylene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02210	Toluene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02220	1,2,4-Trichlorobenzene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02230	1,1-Dichloroethylene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02240	1,1,2-Trichloroethane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02250	Vinyl Chloride	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.02260	Xylenes (Total)	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03010	Bromobenzene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03020	Bromochloromethane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03030	Bromomethane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03040	<i>n</i> -Butylbenzene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03050	<i>sec</i> -Butylbenzene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03060	<i>tert</i> -Butylbenzene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03070	Chloroethane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03080	Chloromethane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03090	<i>o</i> -Chlorotoluene	GC/MS, P&T or Direct Injection, Capillary Column	524.2

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SDW06.03100	<i>p</i> -Chlorotoluene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03110	1,2-Dibromo-3-Chloropropane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03120	1,2-Dibromoethane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03130	Dibromomethane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03140	Dichlorodifluoromethane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03150	1,3-Dichloropropane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03160	2,2-Dichloropropane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03170	1,1-Dichloropropene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03180	<i>cis</i> -1,3-Dichloropropene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03190	<i>Trans</i> -1,3-Dichloropropene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03200	Hexachlorobutadiene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03210	Isopropylbenzene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03220	<i>p</i> -Isopropyltoluene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03230	<i>n</i> -Propylbenzene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03240	1,1,1,2-Tetrachloroethane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03250	1,2,3-Trichlorobenzene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03251	1,3,5-Trichlorobenzene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03260	Trichlorofluoromethane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03270	1,2,3-Trichloropropane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03280	1,2,4-Trimethylbenzene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03300	1,3,5-Trimethylbenzene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03310	Nitrobenzene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03410	Acetone	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03420	Acrylonitrile	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03430	Allyl Chloride	GC/MS, P&T or Direct Injection, Capillary Column	524.2

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SDW06.03440	2-Butanone	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03450	Carbon Disulfide	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03460	Chloroacetonitrile	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03470	1-Chlorobutane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03480	<i>trans</i> -1,4-Dichloro-2-butene	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03490	1,1-Dichloropropanone	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03500	Diethyl Ether	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03510	Ethyl Methacrylate	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03520	Hexachloroethane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03530	2-Hexanone	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03540	Methacrylonitrile	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03550	Methylacrylate	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03560	Methyl Iodide	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03570	Methylmethacrylate	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03580	4-Methyl-2-Pentanone	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03590	2-Nitropropane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03600	Pentachloroethane	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03610	Propionitrile	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03615	<i>Tert</i> -Butyl Alcohol	GC/MS, P&T or Direct Injection, Capillary Column	524.2
SDW06.03620	Tetrahydrofuran	GC/MS, P&T or Direct Injection, Capillary Column	524.2
Perfluorinated Alkyl Acids			
SDW06.07510	Perfluorobutanesulfonic acid	LC/MS/MS Electrospray Ionization	537
SDW06.07515	Perfluorodecanoic acid	LC/MS/MS Electrospray Ionization	537
SDW06.07525	Perfluoroheptanoic acid	LC/MS/MS Electrospray Ionization	537
SDW06.07530	Perfluorohexanesulfonic acid	LC/MS/MS Electrospray Ionization	537

<i>Certification Code</i>	<i>Parameters</i>	<i>Technique</i>	<i>Approved EPA Method</i>
SDW06.07535	Perfluorohexanoic acid	LC/MS/MS Electrospray Ionization	537
SDW06.07540	Perfluorononanoic acid	LC/MS/MS Electrospray Ionization	537
SDW06.07545	Perfluorooctanesulfonic acid	LC/MS/MS Electrospray Ionization	537
SDW06.07550	Perfluorooctanoic acid	LC/MS/MS Electrospray Ionization	537
SDW06.07555	Perfluorotetradecanoic acid	LC/MS/MS Electrospray Ionization	537
SDW06.07560	Perfluorotridecanoic acid	LC/MS/MS Electrospray Ionization	537
SDW06.07565	Perfluoroundecanoic acid	LC/MS/MS Electrospray Ionization	537