



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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CHEMICAL

Valid To: August 31, 2024

Certificate Number: 4915.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on non-potable water, solid (soil/sediment), and tissue in the analyte categories identified below:

Testing Technologies

Analytical Methods used for Geochemistry and Environmental Chemistry: Gas Chromatography, Gas Chromatography/Mass Spectrometry-Selective Ion Monitoring (GC/MS SIM), Liquid Chromatography/Mass Spectrometry (LC/MS/MS), Gravimetric Analysis, %Carbon by Combustion/IR or Oxidation/IR, Solid Phase Extraction (SPE)

Parameter/Analyte	Aqueous	Solid	Tissue	Reference Method
<b><u>Polycyclic Aromatic Hydrocarbons</u></b>				
<b><u>(Semivolatiles-SVOC)</u></b>				
1,6,7-Methylnaphthalene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
18a-Oleanane	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
1-Methyldibenzothiophene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
1-Methylfluorene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
1-Methylnaphthalene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
1-Methylphenanthrene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
2,6-Dimethylnaphthalene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
2/3-Methyldibenzothiophene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
2-Methylanthracene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
2-Methylfluoranthene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
2-Methylnaphthalene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
2-Methylphenanthrene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
3,6-Dimethylphenanthrene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.

Parameter/Analyte	Aqueous	Solid	Tissue	Reference Method
<b><u>Polycyclic Aromatic Hydrocarbons</u></b>				
<b><u>(Semivolatiles-SVOC)</u></b>				
3-Methylphenanthrene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
4/9-Methylphenanthrene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
4-Methyldibenzothiophene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Acenaphthene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Acenaphthylene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Anthracene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Benz(a)anthracene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Benzo(a)fluoranthene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Benzo(a)pyrene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Benzo(b)fluoranthene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Benzo(b)fluorene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Benzo(g,h,i)perylene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Benzo(k,j)fluoranthene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Benzopyrene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Benzothiophene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Biphenyl	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C1-Benzothiophenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C1-Chrysenes/Benzo(a)anthracenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C1-Decalins	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C1-Dibenzothiophenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C1-Fluoranthenes/pyrenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C1-Fluorenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C1-Naphthalenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C1-Naphthobenzothiophenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C1-Phenanthrenes/anthracenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C20-TAS	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C21-TAS	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C26(20R)/C27(20S)-TAS	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C26(20S)-TAS	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C27(20R)-TAS	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C28(20R)-TAS	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C28(20S)-TAS	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C29-Hopane	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C2-Benzothiophenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C2-Chrysenes/Benzo(a)anthracenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C2-Decalins	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C2-Dibenzothiophenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C2-Fluoranthenes/pyrenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.

Parameter/Analyte	Aqueous	Solid	Tissue	Reference Method
<b><u>Polycyclic Aromatic Hydrocarbons</u></b>				
<b><u>(Semivolatiles-SVOC)</u></b>				
C2-Fluorenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C2-Naphthalenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C2-Naphthobenzothiophenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C2-Phenanthrenes/Anthracenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C30-Hopane	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C3-Benzothiophenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C3-Chrysenes/Benzo(a)Anthracenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C3-Decalins	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C3-Dibenzothiophenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C3-Fluoranthenes/Pyrenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C3-Fluorenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C3-Naphthalenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C3-Naphthobenzothiophenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C3-Phenanthrenes/Anthracenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C4-Benzothiophenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C4-Chrysenes/Benzo(a)Anthracenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C4-Decalins	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C4-Dibenzothiophenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C4-Fluoranthenes/Pyrenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C4-Naphthalenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C4-Naphthobenzothiophenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
C4-Phenanthrenes/Anthracenes	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Carbazole	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Chrysene/Triphenylene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
cis/trans Decalin	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Dibenzo(a,h)Anthracene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Dibenzofuran	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Dibenzothiophene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Fluoranthene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Fluorene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Indeno(1,2,3-cd)Pyrene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Naphthalene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Naphthobenzothiophene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Perylene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Phenanthrene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Pyrene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.
Retene	B&B SOP1006	B&B SOP1006	B&B SOP1006	EPA 8270D Mod.

Parameter/Analyte	Aqueous	Solid	Tissue	Reference Method
<b><u>Aliphatic and TPH</u></b>				
n-C9	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C10	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C11	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C12	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
i-C13	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
i-C14	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C13	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
i-C15	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C14	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
i-C16	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C15	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C16	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
i-C18	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C17	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
i-C19	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C18	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
i-C20	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C19	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C20	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C21	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C22	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C23	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C24	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C25	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C26	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C27	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C28	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C29	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C30	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C31	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C32	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C33	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C34	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C35	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C36	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C37	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C38	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C39	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
n-C40	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.

Parameter/Analyte	Aqueous	Solid	Tissue	Reference Method
<b><u>Aliphatic and TPH</u></b>				
TPH	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
TRH	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
UCM	B&B SOP1016	B&B SOP1016	-----	EPA 8015C Mod.
<b><u>%Carbon</u></b>				
Total Organic Carbon, Total Inorganic Carbon, Total Carbon	-----	B&B SOP1005	-----	Lloyd Kahn Method
<b><u>Organochlorine Pesticides</u></b>				
1,2,3,4-Tetrachlorobenzene	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
1,2,4,5-Tetrachlorobenzene	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
2,4'-DDD	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
2,4'-DDE	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
2,4'-DDT	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
4,4'-DDD	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
4,4'-DDE	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
4,4'-DDT	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Aldrin	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Alpha-Chlordane	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Alpha-HCH	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Beta-HCH	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Chlorpyrifos	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Cis-Nonachlor	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
DDMU	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Delta-HCH	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Dieldrin	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Endosulfan I	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Endosulfan II	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Endosulfan Sulfate	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Endrin	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Gamma-Chlordane	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Gamma-HCH	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Heptachlor	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Heptachlor-Epoxide	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Hexachlorobenzene	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Mirex	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Oxychlordane	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Pentachloroanisole	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Pentachlorobenzene	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
Trans-Nonachlor	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.

Parameter/Analyte	Aqueous	Solid	Tissue	Reference Method
<b><u>Polychlorinated Biphenyls (PCBs)</u></b>				
PCB 001	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 002	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 003	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 004	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 005	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 006	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 007	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 008	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 009	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 010	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 011	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 012	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 013	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 014	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 015	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 016	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 017	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 018	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 019	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 020	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 021	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 022	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 023	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 024	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 025	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 026	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 027	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 028	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 029	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 030	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 031	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 032	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 033	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 034	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 035	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 036	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 037	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 038	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.

Parameter/Analyte	Aqueous	Solid	Tissue	Reference Method
<b>Polychlorinated Biphenyls (PCBs)</b>				
PCB 039	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 040	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 041	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 042	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 043	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 044	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 045	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 046	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 047	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 048	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 049	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 050	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 051	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 052	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 053	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 054	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 055	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 056	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 057	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 058	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 059	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 060	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 061	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 062	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 063	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 064	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 065	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 066	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 067	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 068	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 069	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 071	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 070	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 072	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 073	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 074	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 075	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 076	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 077	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.

Parameter/Analyte	Aqueous	Solid	Tissue	Reference Method
<b>Polychlorinated Biphenyls (PCBs)</b>				
PCB 078	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 079	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 080	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 081	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 082	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 083	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 084	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 085	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 086	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 087	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 088	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 089	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 090	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 091	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 092	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 093	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 094	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 095	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 096	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 097	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 098	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 099	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 100	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 101	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 102	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 103	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 104	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 105	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 106	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 107	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 108	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 109	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 110	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 111	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 112	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 113	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 114	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 115	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 116	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.



Parameter/Analyte	Aqueous	Solid	Tissue	Reference Method
<b>Polychlorinated Biphenyls (PCBs)</b>				
PCB 117	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 118	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 119	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 120	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 121	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 122	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 123	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 124	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 125	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 126	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 127	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 128	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 129	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 130	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 131	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 132	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 133	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 134	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 135	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 136	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 137	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 138	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 139	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 140	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 141	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 142	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 143	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 144	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 145	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 146	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 147	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 148	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 149	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 150	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 151	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 152	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 153	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 154	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 155	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.

Parameter/Analyte	Aqueous	Solid	Tissue	Reference Method
<b>Polychlorinated Biphenyls (PCBs)</b>				
PCB 156	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 157	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 158	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 159	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 160	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 161	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 162	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 163	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 164	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 165	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 166	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 167	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 168	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 169	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 170	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 171	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 172	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 173	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 174	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 175	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 176	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 177	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 178	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 179	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 180	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 181	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 182	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 183	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 184	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 185	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 186	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 187	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 188	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 189	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 190	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 191	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 192	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 193	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 194	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.

Parameter/Analyte	Aqueous	Solid	Tissue	Reference Method
<b><u>Polychlorinated Biphenyls (PCBs)</u></b>				
PCB 195	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 196	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 197	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 198	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 199	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 200	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 201	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 202	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 203	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 204	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 205	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 206	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 207	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 208	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
PCB 209	-----	B&B SOP1078	B&B SOP1078	EPA 8270D Mod.
<b><u>Personal Care Products (PCPs)</u></b>				
Caffeine	B&B SOP1107	-----	-----	-----
Sucralose	B&B SOP1107	-----	-----	-----
<b><u>Perfluorinated Compounds</u></b>				
Perfluoro-n-Butanoic Acid (PFBA)	B&B SOP1104	B&B SOP1104	B&B SOP1104	-----
Perfluoro-1-Butanesulfonate (PFBS)	B&B SOP1104	B&B SOP1104	B&B SOP1104	-----
1H,1H,2H,2H-Perfluoro-1-Hexanesulfonate (4:2 FTS)	B&B SOP1104	B&B SOP1104	B&B SOP1104	-----
1H,1H,2H,2H-Perfluoro-1-Octanesulfonate (6:2 FTS)	B&B SOP1104	B&B SOP1104	B&B SOP1104	-----
Perfluoro-n-Hexanoic Acid (PFHxA)	B&B SOP1104	B&B SOP1104	B&B SOP1104	-----
Perfluoro-1-Hexanesulfonate (PFHxS)	B&B SOP1104	B&B SOP1104	B&B SOP1104	-----
Perfluoro-n-Octanoic Acid (PFOA)	B&B SOP1104	B&B SOP1104	B&B SOP1104	-----
Perfluoro-1-Heptanesulfonate (PFHpS)	B&B SOP1104	B&B SOP1104	B&B SOP1104	-----
Perfluoro-n-Nonanoic Acid (PFNA)	B&B SOP1104	B&B SOP1104	B&B SOP1104	-----
Perfluoro-1-Octanesulfonate (PFOS)	B&B SOP1104	B&B SOP1104	B&B SOP1104	-----
Perfluoro-n-Decanoic Acid (PFDA)	B&B SOP1104	B&B SOP1104	B&B SOP1104	-----
Perfluoro-1-Nonanesulfonate (PFNS)	B&B SOP1104	B&B SOP1104	B&B SOP1104	-----
Perfluoro-n-Undecanoic Acid (PFUnA)	B&B SOP1104	B&B SOP1104	B&B SOP1104	-----
Perfluoro-n-Dodecanoic Acid (PFDoA)	B&B SOP1104	B&B SOP1104	B&B SOP1104	-----
Perfluorooctane Sulfonamide (PFOSA)	B&B SOP1104	B&B SOP1104	B&B SOP1104	-----
N-Ethylperfluorooctanesulfonamidoacetic Acid (N-EtFOSAA)	B&B SOP1104	B&B SOP1104	B&B SOP1104	-----

Parameter/Analyte	Aqueous	Solid	Tissue	Reference Method
N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	B&B SOP1104	B&B SOP1104	B&B SOP1104	-----
Perfluoro-1-Decanesulfonate (PFDS)	B&B SOP1104	B&B SOP1104	B&B SOP1104	-----
Hexafluoropropylene Oxide Dimer Acid (Gen-X) (HFPO-DA)	B&B SOP1104	B&B SOP1104	B&B SOP1104	-----
<b>Sample Preparation</b>				
% Lipid Determination	-----	-----	B&B SOP1097	ASTM D5368 Mod.
% Moisture	-----	B&B SOP1098	B&B SOP1098	ASTM D2216-10 Mod.
Alumina Cleanup	B&B SOP1011	B&B SOP1003	B&B SOP1010	EPA 3610B Mod.
Extraction of Perfluorinated (PFC) Compounds	-----	B&B SOP1109	B&B SOP1110	-----
Extractable Organic Matter	B&B SOP1055	B&B SOP1055	-----	-----
Pressurized Fluid Extraction (PFE)	-----	B&B SOP1003	B&B SOP1010	EPA 3545A Mod.
Separatory Funnel Extraction	B&B SOP1011	-----	-----	EPA 3510C Mod.
Silica Gel Cleanup	B&B SOP1011	B&B SOP1003	B&B SOP1010	EPA 3630C Mod.
Solid Phase Extraction (SPE)	B&B SOP1106	-----	-----	-----
Solid Phase Extraction (SPE) of Perfluorinated (PFC) Compounds	B&B SOP1103	-----	-----	-----
Sulfur Cleanup	B&B SOP1011	B&B SOP1003	B&B SOP1010	EPA 3660B Mod.



# Accredited Laboratory

A2LA has accredited

## TDI-BI/B&B LABORATORIES

College Station, TX

for technical competence in the field of

### Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 18<sup>th</sup> day of October 2022.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 4915.01  
Valid to August 31, 2024

*For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.*