



Texas Commission on  
Environmental Quality



## Certificate of Accreditation

*Accreditation is hereby granted to*

**Chaparral Laboratories, Inc.**  
861 State Highway 19 South,  
Huntsville, TX 77320-1111

State Lab ID: T104704204  
Effective Date: 12/01/2024  
Expiration Date: 11/30/2025  
Certificate ID: TX-C24-00374

### Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for all version of a method approved per 40 CFR 136, 40 CFR 141, and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink that reads "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality  
Date Issued: 12/01/2024

### Laboratory Fields of Accreditation

Matrix	Method	Method Code	Analyte	Analyte Code	AB
DW	EPA 200.5	10213975	Arsenic	1010	TX
DW	EPA 200.5	10213975	Barium	1015	TX
DW	EPA 200.5	10213975	Beryllium	1020	TX
DW	EPA 200.5	10213975	Cadmium	1030	TX
DW	EPA 200.5	10213975	Chromium	1040	TX
DW	EPA 200.5	10213975	Copper	1055	TX
DW	EPA 200.5	10213975	Lead	1075	TX
DW	EPA 200.5	10213975	Magnesium	1085	TX
DW	EPA 200.5	10213975	Nickel	1105	TX
DW	EPA 200.5	10213975	Selenium	1140	TX
DW	EPA 200.5	10213975	Sodium	1155	TX
DW	EPA 200.7	10013806	Aluminum	1000	TX
DW	EPA 200.7	10013806	Barium	1015	TX
DW	EPA 200.7	10013806	Beryllium	1020	TX
DW	EPA 200.7	10013806	Cadmium	1030	TX
DW	EPA 200.7	10013806	Chromium	1040	TX
DW	EPA 200.7	10013806	Copper	1055	TX
DW	EPA 200.7	10013806	Iron	1070	TX
DW	EPA 200.7	10013806	Magnesium	1085	TX
DW	EPA 200.7	10013806	Manganese	1090	TX
DW	EPA 200.7	10013806	Nickel	1105	TX
DW	EPA 200.7	10013806	Silver	1150	TX
DW	EPA 200.7	10013806	Sodium	1155	TX
DW	EPA 200.7	10013806	Zinc	1190	TX
DW	EPA 300.0	10053200	Chloride	1575	TX
DW	EPA 300.0	10053200	Chlorite	1595	TX
DW	EPA 300.0	10053200	Fluoride	1730	TX
DW	EPA 300.0	10053200	Nitrate as N	1810	TX
DW	EPA 300.0	10053200	Nitrite as N	1840	TX
DW	EPA 300.0	10053200	Sulfate	2000	TX
DW	SM 2540 C	20049803	Residue-filterable (TDS)	1955	TX
DW	SM 9223 B (Colilert)	20212413	Total coliforms and E. coli (P/A)	2502	TX
NPW	ASTM D516	30002201	Sulfate	2000	TX
NPW	Enterolert	60030208	Enterococci	2520	TX
NPW	EPA 1664	10127807	n-Hexane Extractable Material (O&G)	1803	TX
NPW	EPA 200.7	10013806	Aluminum	1000	TX

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NPW	EPA 200.7	10013806	Antimony	1005	TX
NPW	EPA 200.7	10013806	Arsenic	1010	TX
NPW	EPA 200.7	10013806	Barium	1015	TX
NPW	EPA 200.7	10013806	Beryllium	1020	TX
NPW	EPA 200.7	10013806	Boron	1025	TX
NPW	EPA 200.7	10013806	Cadmium	1030	TX
NPW	EPA 200.7	10013806	Calcium	1035	TX
NPW	EPA 200.7	10013806	Chromium	1040	TX
NPW	EPA 200.7	10013806	Cobalt	1050	TX
NPW	EPA 200.7	10013806	Copper	1055	TX
NPW	EPA 200.7	10013806	Iron	1070	TX
NPW	EPA 200.7	10013806	Lead	1075	TX
NPW	EPA 200.7	10013806	Magnesium	1085	TX
NPW	EPA 200.7	10013806	Manganese	1090	TX
NPW	EPA 200.7	10013806	Molybdenum	1100	TX
NPW	EPA 200.7	10013806	Nickel	1105	TX
NPW	EPA 200.7	10013806	Potassium	1125	TX
NPW	EPA 200.7	10013806	Selenium	1140	TX
NPW	EPA 200.7	10013806	Silver	1150	TX
NPW	EPA 200.7	10013806	Sodium	1155	TX
NPW	EPA 200.7	10013806	Thallium	1165	TX
NPW	EPA 200.7	10013806	Total Phosphorus	1910	TX
NPW	EPA 200.7	10013806	Vanadium	1185	TX
NPW	EPA 200.7	10013806	Zinc	1190	TX
NPW	EPA 245.1	10036609	Mercury	1095	TX
NPW	EPA 300.0	10053200	Chloride	1575	TX
NPW	EPA 300.0	10053200	Fluoride	1730	TX
NPW	EPA 300.0	10053200	Nitrate as N	1810	TX
NPW	EPA 300.0	10053200	Sulfate	2000	TX
NPW	SM 2120 B	20223807	Color	1605	TX
NPW	SM 2320 B	20045005	Alkalinity as CaCO3	1505	TX
NPW	SM 2540 B	20004608	Residue-total (TS)	1950	TX
NPW	SM 2540 C	20049803	Residue-filterable (TDS)	1955	TX
NPW	SM 2540 D	20004802	Residue-nonfilterable (TSS)	1960	TX
NPW	SM 4500-Cl <sup>-</sup> B	20083801	Chloride	1575	TX
NPW	SM 4500-NH3 C	20023603	Total Kjeldahl Nitrogen - (TKN)	1790	TX
NPW	SM 4500-NH3 D	20108809	Ammonia as N	1515	TX
NPW	SM 4500-NO3 <sup>-</sup> E	20114209	Nitrate as N	1810	TX
NPW	SM 4500-P E	20025803	Total Phosphorus	1910	TX
NPW	SM 5210 B	20027401	Biochemical Oxygen Demand (BOD)	1530	TX
NPW	SM 5210 B	20027401	Carbonaceous BOD (CBOD)	1555	TX

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NPW	SM 5220 D	20027809	Chemical Oxygen Demand (COD)	1565	TX
NPW	SM 9222 B / 9222 G	20201201	Escherichia coli (E. coli)	2525	TX
NPW	SM 9222 D	20037405	Fecal coliforms	2530	TX
NPW	SM 9223 B (Colilert Quanti-Tray)	20211205	Escherichia coli (E. coli)	2525	TX
S	EPA 350.2	10064003	Ammonia as N	1515	TX
S	EPA 365.2	10070403	Total Phosphorus	1910	TX
S	EPA 6010	10155905	Aluminum	1000	TX
S	EPA 6010	10155905	Antimony	1005	TX
S	EPA 6010	10155905	Arsenic	1010	TX
S	EPA 6010	10155905	Barium	1015	TX
S	EPA 6010	10155905	Beryllium	1020	TX
S	EPA 6010	10155905	Boron	1025	TX
S	EPA 6010	10155905	Cadmium	1030	TX
S	EPA 6010	10155905	Calcium	1035	TX
S	EPA 6010	10155905	Chromium	1040	TX
S	EPA 6010	10155905	Cobalt	1050	TX
S	EPA 6010	10155905	Copper	1055	TX
S	EPA 6010	10155905	Iron	1070	TX
S	EPA 6010	10155905	Lead	1075	TX
S	EPA 6010	10155905	Magnesium	1085	TX
S	EPA 6010	10155905	Manganese	1090	TX
S	EPA 6010	10155905	Molybdenum	1100	TX
S	EPA 6010	10155905	Nickel	1105	TX
S	EPA 6010	10155905	Potassium	1125	TX
S	EPA 6010	10155905	Selenium	1140	TX
S	EPA 6010	10155905	Silver	1150	TX
S	EPA 6010	10155905	Sodium	1155	TX
S	EPA 6010	10155905	Thallium	1165	TX
S	EPA 6010	10155905	Tin	1175	TX
S	EPA 6010	10155905	Titanium	1180	TX
S	EPA 6010	10155905	Total Phosphorus	1910	TX
S	EPA 6010	10155905	Vanadium	1185	TX
S	EPA 6010	10155905	Zinc	1190	TX
S	EPA 7471	10166004	Mercury	1095	TX
S	EPA 9095	10204203	Paint Filter Test	1434	TX
S	SM 2540 G	20005203	Residue-total (TS)	1950	TX
S	SM 9222 D	20037405	Fecal coliforms	2530	TX