

**PRECISION PETROLEUM LABS, INC.**  
**5915 STAR LANE**  
**HOUSTON, TX 77057**

**PRICE LIST**  
**2024**

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**WEBSITE: [PRECISIONLABS.ORG](http://PRECISIONLABS.ORG)**

## FUEL TESTING

<u>TEST</u>	<u>METHODS</u>	<u>PRICE</u>
Acidity as Acetic Acid	D-1613	\$110.00
Alcohol Break down	G.C./M.S.	\$400.00
Algae (Bacteria)Count	Microscopic	\$200.00
Aromatic Hydrocarbon Types	D-6591	\$450.00
Reserve Alkalinity	D-1121	\$110.00
Amines	D-2074	\$130.00
Aniline point	D-611	\$150.00
Asbestos	IN-HOUSE	\$250.00
Ash	D-482	\$135.00
Asphaltenes	IP-143	\$300.00
Auto ignition Temperature	E-659	\$400.00
Biodiesel (Complete Testing)	D-6751	\$2,300.00
Biodiesel (European)	EN14214	\$2,500.00
Bromine Number	D-1159	\$150.00
Carbon Composition (C <sub>1</sub> -C <sub>n</sub> )	G.C.	\$450.00
Carbon Residue	D-189 / D-524 / D-4530 (Micro)	\$170.00
Caustic, Wt.%	IN-HOUSE	\$130.00
Cetane Index	D-976	\$285.00
Cetane Number	D-613	\$950.00
Chlorine (Total Halogen)	EPA-9075	\$120.00
Chlorine	D-808 / 9056	\$150.00
Chlorides	UOP-588	\$135.00
Chlorides	D-5808/D-7457/E-1787/D-7536	\$170.00
Chlorides Inorganic	UOP-779	\$140.00
CHNO (Carbon, Hydrogen, Nitrogen, Oxygen)	D-5291 / 4629	\$440.00
Cloud Point	D-2500	\$110.00
Color	D-1209 / D-1500	\$70.00
Compatibility	D-2781	\$70.00
Copper Strip Corrosion	D-130	\$220.00
Determination of Individual Components	D-6730	\$650.00
Dicyclopentadiene (DCPD)	G.C./M.S.	\$275.00
Diesel Fuel Specification (Complete)	D-975	\$2,370.00
Dissolved Gas	D-3612	\$450.00
Distillation	D-86	\$200.00
Distillation (Simulated)	D-2887	\$450.00
Distillation (Vacuum)	D-1160	\$380.00
Doctor Test	D-235	\$80.00
Ethylene Glycol (Complete Testing)	E-1177	\$1,200.00
Electrical Conductivity	IN-HOUSE	\$140.00
Ester Content	IN-HOUSE	\$400.00
Extractable Organic Halides (EOX)	S.W. 9023	\$200.00
FAME (fatty acid methyl ester)	D-7371	\$400.00
Flash Point (PMCC & COC)	S.W. 1010/ D-93 / D-92	\$140.00
Fluorine, Chlorine & Sulfur	D-7359	\$350.00
Fire Point	D-4206	\$175.00
Foaming Characteristics	D-892	\$500.00
Free Fatty Acid Content (FFA)	IN-HOUSE	\$125.00
Freezing Point	D-2386 or D-1177	\$150.00
Free Water	D-4860	\$60.00
Fuel Oil Specification (Complete)	D-396	\$1,420.00
Graphite Content	IN-HOUSE	\$350.00
Gasoline Content	G.C./M.S.	\$375.00
Glycerin Breakdown	(Mono, Di, Tri, Free & Total)	\$525.00
Glycol Breakdown	G.C/M.S.	\$400.00
Gravity API	D-287	\$85.00
Gums (non-volatile residue)	D-381	\$190.00
Heat of Combustion BTU/Lb (NET BTU)	D-240	\$175.00 (\$175.00)

## FUEL TESTING (continued)

<b><u>TEST</u></b>	<b><u>METHODS</u></b>	<b><u>PRICE</u></b>
Hydrocarbon Type (PONA)	G.C.	\$450.00
Hydrocarbon Type (SOA)	FIA D-1319	\$450.00
Hydrogen Sulfide	UOP-163	\$140.00
Hydroxyl Value	D-1957	\$110.00
Inhibitor	IN-HOUSE	\$180.00
Insoluble	IN-HOUSE	\$120.00
Kauri-Butanol Value	D-1133	\$110.00
Loss on ignition	D-4782	\$250.00
Lubricity	ISO 12156-1 (IP-450)	\$1050.00
Limonene	G.C./M.S.	\$390.00
Lower Heating Value (LHV)	D-240	\$300.00
MDEA by LC	IN-HOUSE	\$490.00
Methanol	D-7059	\$240.00
Melting Point	D-87	\$150.00
Mercaptan Sulfur	UOP-163	\$150.00
Metals Total (single element)	S.W. 7000 or 6010	\$150.00
Molecular Weight	IN-HOUSE	\$320.00
Naphtha Content	G.C./M.S.	\$350.00
NACE Corrosion	NACE	\$410.00
Nitrogen	D-3228	\$440.00
NOAK Volality	D-5800	\$250.00
Octanes	D-2699 / D-2700	\$1,900.00
ODOR	----	\$70.00
Organic Chlorides (Naphtha Cut)	D-4929	\$290.00
Oxidation Stability	D-525	\$375.00
Oxygenates	G.C. / D-5599	\$395.00
Oxygenates	D-7423 / D-4815 / D-7845	\$995.00
Particle Count	NAS 1638	\$320.00
Particulate Matter	D-2276	\$160.00
Pentachlorophenol Solvency	IN-HOUSE	\$300.00
Peroxides	E-299	\$320.00
Polycyclic Aromatics	IP-346	\$400.00
Phenol	G.C./M.S.	\$275.00
Physical Data	----	\$2,800.00
Polymerization	IN-HOUSE	\$200.00
Polymer content of Styrene	D-2121	\$130.00
Potential Sediment	D-4870	\$280.00
Pour Point	D-97	\$110.00
Proximate Analysis (Moisture, Ash & Volatile Matter)	D-3172	\$430.00
Purity	G.C.	\$240.00
Purity	G.C./M.S.	\$365.00
Red Dye	D-6756	\$250.00
Refractive Index	D-1218	\$110.00
Refrigerant (complete testing)	ARI-700	\$390.00
Refrigerant (Purity)	Identification	\$240.00
Residue after Evaporation	IN-HOUSE	\$120.00
Relative Density	D-1122	\$100.00
Salinity GM/L	S.M. 2520C	\$130.00
Salt in Crude	D-6470 / D3230	\$200.00
SARA Analysis	D-2007	\$650.00
Saponification	D-94 / D-5558	\$220.00
Sediment by Extraction	D-473	\$160.00
Smoke Point	D-1322	\$220.00
Specific gravity	D-1298	\$85.00
Styrene	G.C./M.S.	\$275.00
Sugar Content	IN-HOUSE	\$150.00
Sulfated Ash	D-874	\$170.00
Sulfur	D-4294	\$120.00
Sulfur	D-3246 / D-2622 / D-129	\$160.00
Sulfur Compounds	D-5623	\$505.00
Tentatively Identified Compounds (TICS)	G.C/ M.S.	\$995.00
Total Acid Number	D-974 D-664	\$110.00

## FUEL TESTING (continued)

<u>TEST</u>	<u>METHOD</u>	<u>PRICE</u>
Total Organic Halides (TOX)	EPA-9020	\$180.00
Total Phenolics	IN-HOUSE	\$275.00
Total Sediment Existent (TSE)	D-4870	\$165.00
Total Sediment Accelerated (TSA)	IN-HOUSE	\$300.00
Total Sediment Potential (TSP)	IN-HOUSE	\$300.00
Turbidity	D-7315	\$140.00
Ultimate Analysis (Ash, Sulfur & CHNO)	D-3176	\$735.00
Unaponifiable	IN-HOUSE	\$180.00
Unulfonated Residue	IN-HOUSE	\$200.00
UREA Complete testing	ISO-2241	\$1,550.00
UREA Content	G.C./M.S.	\$275.00
Vapor pressure Reid @ 100°F	D-323	\$220.00
Vapor pressure Micro	D-2551 / D-2879 / D-5191 / D-2889	\$320.00
Viscosity	D-445	\$120.00
VOC'S	ASTM D-2369	\$250.00
Volatile Matter	D-3175	\$175.00
Water by Distillation	D-95	\$120.00
Water by Karl Fisher	D-1744	\$120.00
Water Reactivity	IN-HOUSE	\$80.00
Water & Sediment	D-1796	\$120.00
Water Solubility	IN-HOUSE	\$90.00
Wax Content	HOLDE	\$350.00

## ENVIRONMENTAL TESTING

<u>TEST</u>	<u>METHOD</u>	<u>PRICE</u>
Aromatic Volatile Organics (BETX)	S.W. 8260/8020/8021	\$185.00
Extractable Organic Halides (EOX)	S.W. 9023	\$200.00
F-Listed Solvent Scan	S.W. 8240 / 8260	\$350.00
Halogenated Volatile Organics	S.W. 8010 / 8021	\$350.00
Hexavalent Chromium	EPA-7196A	\$180.00
Paint Filter Test	S.W. 9095	\$75.00
PH	S.W. 9040	\$25.00
Phenol	G.C./M.S.	\$275.00
Polynuclear Aromatic Hydrocarbon (PAH)	S.W. 8270	\$430.00
Reactive Cyanide	S.W. 9010	\$110.00
Reactive Sulfide	S.W. 9030	\$110.00
Single Component (organic) TCLP	S.W. 8000/EPA-1311	\$250.00
Single Element (metal) TCLP	S.W. 6010/EPA-1311	\$250.00
TCLP Dioxins & Furan	EPA 8280	\$1,200.00
TCLP Metal Scan	S.W. 7000 / 6010	\$470.00
TCLP Metals (8 RCRA)	S.W. 6010/EPA-1311	\$320.00
TCLP Pesticides & Herbicides	S.W. 8081/EPA-1311	\$470.00
TCLP Semi-Volatiles	S.W. 8270/EPA-1311	\$480.00
TCLP Volatiles	S.W. 8260/EPA-1311	\$390.00
TCLP Total Petroleum Hydrocarbon	S.W. 8015 / TNRCC1005	\$300.00
Total Dioxins & Furan	EPA 8280	\$1050.00
Total Cyanide	S.W. 9010	\$110.00
Total Metals (8 RCRA)	S.W. 7000 / 6010	\$300.00
Total Metals Scan	S.W. 7000 / 6010	\$450.00
Total Organic Carbon (TOC)	EPA-415.1	\$150.00
Total Organic Halides (TOX)	S.W. 9020	\$180.00
Total PCB's	S.W. 8082	\$175.00
Total Pesticides & Herbicides	S.W. 8081	\$390.00
Total Petroleum Hydrocarbon	EPA-418.1	\$150.00
Total Petroleum Hydrocarbon	S.W. 8015 / TNRCC1005	\$235.00
Total Semi-Volatiles	S.W. 8270	\$430.00
Total Sulfide	S.W. 9030	\$110.00
Total Volatiles	S.W. 8240 / 8260	\$365.00

## WATER TESTING

<b><u>TEST</u></b>	<b><u>METHOD</u></b>	<b><u>PRICE</u></b>
Assay for water soluble chemicals	IN-HOUSE	\$140.00
Assay as phosphoric acid	TITRATION	\$140.00
Assay by Titration	IN-HOUSE	\$170.00
Acids Base/Neutral	EPA-625	\$430.00
Ammonia (NH <sub>3</sub> )	S.M. 4500	\$130.00
Biological Oxygen Demand (BOD)	EPA-405.1 / S.M. 5210B	\$170.00
Bromates	S.M. 4110B	\$160.00
Calcium Carbonate	IN-HOUSE	\$130.00
Carbonate	S.M. 2320	\$110.00
Chemical Oxygen Demand (COD)	EPA-410.1 / S.M. 5220D	\$150.00
Chlorates	S.M.4110B	\$160.00
Chlorides	S.M. 4500 CL-D	\$120.00
Chlorides	S.M. 4110B	\$160.00
Conductivity	S.M.2510B	\$120.00
Cyanides	EPA-335.1	\$110.00
Dissolved Oxygen	S.M. 421A	\$150.00
Fecal Coliform	S.M. 9221 C	\$200.00
Fluoride	S.M.4500-F-C	\$120.00
Free Chlorine	IN-HOUSE	\$120.00
Free Sulfuric Acid	IN-HOUSE	\$150.00
Hardness	S.M.2340B	\$300.00
HCL	IN-HOUSE	\$160.00
Iodide	IN-HOUSE	\$180.00
Metals (each)	EPA-200.7	\$150.00
Metals (8 RCRA)	EPA-200.7	\$300.00
PCB's	S.W. 8080	\$175.00
PH	EPA-9040 / SM 4500HB	\$25.00
Residual Chlorine	D-1253	\$120.00
Nitrates	S.M.4500-NO3-D	\$120.00
Nitrate-Nitrogen	S.M.4500-NO2B	\$120.00
Nitric acid	IN-HOUSE	\$130.00
Perchlorates	S.M.4110B	\$160.00
Pentane Insoluble	D-893	\$300.00
Purgeable Aromatics	EPA-602	\$185.00
Purgeable Halocarbons	EPA-601	\$350.00
Purgeable (VOC's)	EPA-624	\$365.00
Sulfates	S.M.4500-SO4-D	\$120.00
Sulfides	EPA-376.1	\$120.00
Sulfite	S.M.4500-SO3B	\$120.00
Titer point	In-House	\$240.00
TKN	S.M.4500-NB	\$180.00
Total Dissolved Solids	EPA-160.2 / SM 2540C	\$100.00
Total Oil & Grease (Oil Content)	EPA-413.1 / S.M. 5520B	\$160.00
Total Organic Carbon	SM 5310	\$160.00
Total Solids	EPA-160.3 / SM 2540B	\$120.00
Total Suspended Solids	EPA-160.1 / SM 2540D	\$120.00

## Term and Conditions

- ❖ Pickup and delivery available at the clients' cost.
- ❖ Reports faxed and E-mailed at no cost.
- ❖ Shipping available: Shipping charges plus \$150.00 for packaging and handling. When Shipping HAZARDOUS MATERIALS add \$200.00.
- ❖ All samples with low flash and hazardous components will be shipped by a third party contracted by PPL.
- ❖ Sample transfer from container to container @ \$15.00 each.
- ❖ Product disposal available.
  - Oil samples @ \$25.00 per gallon
  - Acid and Caustic samples @ \$50.00 per gallon
- ❖ Samples Retained for 30-45 days at no cost.
- ❖ Minimum billing of \$80.00 per invoice (Job).
- ❖ If an invoice becomes past due for any reason, no analysis will be performed until such time that the account is in good standing.
- ❖ All Expedited (rush work) will be within 24 hours at double the rate
- ❖ All work performed after normal business hours (8:00 am to 5:00 pm) and on weekends or holidays is subject to overtime at the rate of \$250.00 per hour with a minimum of 6 hours.
- ❖ All samples must be accompanied with written testing instructions and/or a chain of custody. Samples pertaining to litigations are not accepted.
- ❖ **TEST CANCELLATION**: In the event a client cancels previously ordered tests, Clients will be responsible for half of testing fees for all test already in progress and full fee for all completed tests.
- ❖ Neither **Precision Petroleum Labs, Inc.** nor any of its officers assume any responsibility or make any warranty for proper operation or application of products submitted to the facility. Liability is limited to the invoice amount. Test results relate only to submitted samples identified on certificates of analysis reports
- ❖ Prices may change without prior notification