

No.	Parameter	Method / Reference	Sample Type
1	PNA (Paraffin, Naphthene, Aromatic Hydrocarbon)	ASTM D5443-04	Aromatics
2	PONA in Hydrocabon by GC(Refomulyzer)	ASTM D6839-16	Aromatics
3	Gage Vapor Pressure in LPG	ASTM D1267-12	Aromatics
4	Volatility of LPG (Weathering)	ASTM D1837-17	Aromatics
5	Active Oxygen and Peroxide in liquid Hydrocarbon	ASTM E299-17a	Aromatics
6	Arsenic (As) in Hydrocarbon by ICP-MS	ICP MS Method	Aromatics
7	Sulfolane in Water	UOP 660-92	Aromatics
8	Composition of p-Xylene	UOP 744-04	Aromatics
9	Benzene Purity	ASTM D4492-10	Aromatics
10	Cyclohexane Purity	ASTM D3054-98	Aromatics
11	Sulfolane in Hydrocarbon	UOP 660-92	Aromatics
12	Hydrocarbons in Sulfolane	UOP 831-90	Aromatics
13	Sulfur Content	ASTM D2622-16	Aromatics
14	Bromine Index (Potentiometry)	ASTM D2710-09 (Reapproved 2013)	Aromatics
15	PONA and PNA in Hydrocabon by GC(Refomulyze	ASTM D6293	Aromatics
16	Oxygenates in Liquid Hydrocarbon	ASTM D4815-15b	Aromatics
17	DHA (LSV)	ASTM D5134-13(2017)	Aromatics
18	Thiophene in Benzene	ASTM D4735-19	Aromatics
19	Water content by KF	ASTM E1064, Based on ASTM D6304-04, UOP 48	Aromatics
20	Solidification Point of Benzene (Freeze Point)	ASTM D852-16	Aromatics
21	Solidification Point for Benzene and Para Xylene	ASTM D6875-18	Aromatics
22	Acidity of Aromatic Hydrocarbon	ASTM D847-16	Aromatics

No.	Parameter	Method / Reference	Sample Type
23	Acid Wash Color in Hydrocarbon	ASTM D848-18	Aromatics
24	Dry Vapor Pressure Equivalent at 37.8 oC	ASTM D5191-19	Aromatics
25	Unwashed Gum Content	ASTM D381-19	Aromatics
26	Flash Point by Pensky-Martens Closed Cup Tester	ASTM D93-18	Aromatics
27	Flash Point by Pensky-Martens Closed Cup Tester	ASTM D93-18	Aromatics
28	Mercury in Liquid Hydrocarbon	UOP 938-10	Aromatics
29	Hg (Mercury) in Crude Oil_Combustion Direct	ASTM D7622-10	Aromatics
30	Oxidation Stability	EN 15751-09	Aromatics
31	POUR POINT	ASTM D97-17a	Aromatics
32	Vapor Pressure of Petroleum	ASTM D6378-18a	Aromatics
33	SAYBOLT COLOR	ASTM D156-15	Aromatics
34	Specific Gravity at 15.6/15.6 °C	ASTM D4052-18	Aromatics
35	Acid Number of Petroleum Products (TAN)	ASTM D664-18e2	Aromatics
36	Mercury in Hydrocarbon	UOP 938-10	Aromatics
37	Free Water (ASTM D 1744)	ASTM D1744-92	Aromatics
38	n - Haptane Insoluble in Lube Oil	UOP 614-02	Aromatics
39	Test size distribution for catalyst	UOP 333-10	Aromatics
40	Bromine Index (Coulometry)	ASTM D1492-13	Aromatics
41	Thiophene	ASTM D4735	Aromatics
42	DHA (LSV)	ASTM D5134	Aromatics
43	Oxygenates in Liquid Hydrocarbon	ASTM D4815	Aromatics
44	Test PONA and PNA in Hydrocabon by GC(Refom	ASTM D6293	Aromatics
45	Hydrocarbons in Sulfolane	UOP 831	Aromatics

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46	Sulfolane in Hydrocarbon	UOP 660	Aromatics
47	Cyclohexane Purity	ASTM D3054	Aromatics
48	Composition of p-Xylene	UOP 744	Aromatics
49	RVP for Hydrocarbon	ASTM D6378-10 (Reapproved 2016)	Aromatics
55	Color, Pt-co	ASTM D1209-05 (Reapproved 2011)	Aromatics
56	Platinum-Cobalt Scale	ASTM D5386-16	Aromatics
57	Saybolt Color in Hydrocabon	ASTM D6045-12(2017)	Aromatics
58	RVP for Hydrocarbon	ASTM D6378-10 (Reapproved 2016)	Aromatics
59	Copper Strip Corrosion of Aromatic HC	ASTM D849-15(2019)e1	Aromatics
60	pH of Sulfolane	UOP 284-92	Aromatics
61	RSH Mercaptan	ASTM D3227-16	Aromatics
62	Active Oxygen (Peroxide)	ASTM E299-17a	Aromatics
63	Carbonyl Number	UOP 624-14	Aromatics
64	Non-volatile Matter	ASTM D1353-13	Aromatics
65	Distillation for Aromatics Hydrocarbon	ASTM D850-16	Aromatics
66	Nitrogen bases in petroleum distillates	UOP 313-89	Aromatics
67	Vapor Pressure of LPG	ASTM D6897-09	Aromatics
68	H2S and SO2	ASTM D853-97	Aromatics
69	Particulate Contamination in Aviation Fuels	ASTM D5452-12	Aromatics
70	Arsenic in liquid Hydrocarbon	Inhouse method	Aromatics
71	Lead in liquid Hydrocarbon	Inhouse method	Aromatics
72	Copper in liquid Hydrocarbon	Inhouse method	Aromatics
73	Mercury in Gas	UOP 938-10	Aromatics
74	Metal Analysis by MPS (Microwave Plasma)	Inhouse method	Aromatics
75	Carbon in Catalyst	UOP 703-98	Aromatics
76	Vapor Pressure of LPG	ASTM D1267-12	Aromatics

No.	Parameter	Method / Reference	Sample Type
77	Asphaltenes (heptane insolubles) in crude	IP 143-04	Aromatics
78	Total Nitrogen for Hydrocarbon	ASTM D4629-17	Aromatics
79	Test Acid Wash Color in Hydrocarbon	ASTM D848	Aromatics
80	Distillation Range	ASTM D86-19	Aromatics
81	Total Sulfur	ASTM D5453-16e1	Aromatics
82	Density 15 degree.C	ASTM D4052-18	Aromatics
83	Bromine Number of Petroleum Distillates	ASTM D1159-07 (Reapproved 2012)	Aromatics
84	Unwashed Gum	ASTM D381-19	Aromatics
85	Sulfur in Petroleum and Petroleum Products by En	ASTM D4294-16e1	Aromatics
87	Poly-Aromatic Hydrocarbon	IP 391-07	Aromatics
88	Total Sediment	IP 390-11	Aromatics
89	Hydrogen Sulfide	IP 570-15	Aromatics
90	Polycyclic Aromatic hydrocarbons(POLY-AH)	IP 391-07	Aromatics
91	Pour Point Analysis	ASTM D5950-14	Aromatics