

Benzene

#	Property	Units	Test Method	Value
1	Purity	Wt%	ASTM D-4492	99.9 min
2	Toluene	Wt.ppm	ASTM D-4492	150 max
3	Non Aromatic	Wt.ppm	ASTM D-4492	700 max
4	Density @ (15.6 °C)	gr/cm ³	ASTM D-4052	0.8820 - 0.8860
5	Appearance	--	VISUAL	Clear
6	Color, Pt-Co scale	--	ASTM D-1209	10 max
7	Acid Wash Color	--	ASTM D-848	1 max
8	Acidity	mgr NaOH/100ml	ASTM D-847	No Free Acid
9	Copper Corrosion	--	ASTM D-849	No. 1a
10	Total Sulphur	Wt.ppm	UOP 727	1 max
11	H ₂ S & So ₂ Content	--	ASTM D-853	Free of (H ₂ S/SO ₂)
12	Distillation Range	°C	ASTM D-950	1.0max (include80-1)
13	Solidification Point	°C	ASTM D-852	5.45 min
14	Water Content	Wt.ppm	ASTM E-1064	200 max
15	Thiophene	Wt.ppm	ASTM D-1885	1 max
16	Methyl Cyclohexane	Wt.ppm	ASTM D-4492	200 max
17	Total Nitrogen	Wt.ppm	ASTM D-6059	1 max
18	Total Chloride	Wt.ppm	IP-AK-81	2.0 max

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Caustic Soda

#	Property	Units	Test Method	Value
1	Purity	Wt%	ASTM D-3875	48.5 min
2	Na ₂ CO ₃	Wt%	ASTM D-3875	0.4 max
3	NHCL	Wt.ppm	Spectrophotometry (DENORA)	15 max
4	Na ₂ SO ₄	Wt.ppm	ASTM D-516D-4130	15 max
5	AL ₂ O ₃	Wt.ppm	Standard Method	10 max
6	Total Fe (As Fe ₂ O ₃)	Wt.ppm	ASTM D-2790	6 max
7	SiO ₂	Wt.ppm	ASTM D-559-88	5 max
8	Total Ca (As CaO)	Wt.ppm	ASTM D-511	10 max
9	Hg	Wt.ppm	Mercury Analysis	0.5 max
10	Sp. Gr. @ (15.6°C)	--	ASTM D-3875	1.515 min
11	Appearance	--	Visual	Clear
12	Na ClO ₃	Wt.ppm	Vogel Analysis	120 max

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Hydrochloric Acid (HCL)

#	Property	Units	Test Method	Value
1	Purity	Wt %	BIPC	30 min
2	Iron , Fe	Wt.ppm	STD METHOD VOL.2	7 max
3	Free Chlorine , Cl ₂	Wt.ppm	DENORA	20 max

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1,2 Di Chloro Ethane (E.D.C)

#	Property	Units	Test Method	Value
1	Purity	Wt%	G.C	99.97 min
2	Density @ (15.6°C)	gr/cm ³	ASTM D-4052	To Be Reported
3	Lo - Boil	Wt.ppm	G.C	170 max
4	Hi - Boil	Wt.ppm	G.C	130 max
5	Acidity (As HCL)	Wt.ppm	T.S.K JAPAN	1 max
6	Iron	Wt.ppm	ASTM D-2790	0.2 max
7	Water Content	Wt.ppm	ASTM D-1744	50 max
8	Free Chlorine	Wt.ppm	T.S.K JAPAN	Nil
9	Color , pt-Co Scale	--	ASTM D-1209	No.5 max

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Aromatic Raffinate

#	Property	Units
1	5% Vol. Distillation	°C
2	95% Vol. Distillation	°C
3	Density @ (15.6C)	gr/cm ³
4	R.V.P	Paia
5	Color Saybolt	--
6	Lead Content	Wt.ppm
7	Total Sulphur	Wt.ppm
8	Paraffins	Wt %
9	Olefins	Wt %
10	Naphthenes+ Aromatics	Wt %

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