



energising life

## BENZENE

TEST	METHOD	SPECIFICATION
Appearance	Visual	Clear liquid free of sediment and haze when observed at 18.3° C to 25.6°C.
Colour	D-1209	Max. 20 on Pt-Co scale
Relative density at 15.56/15.56°C	D-4052	0.8820 to 0.8860
Distillation range	D-850	Not more than 1°C including the temp. of 80.1°C.
Sulphur compounds	D-853	Free of H <sub>2</sub> S & SO <sub>2</sub>
Solidification point, °C.	D-852	Min. 5.2
		(Being not lower than 4.85°C anhydrous basis)
Acidity	D-847	No free acid, i.e. no evidence of acidity
Acid Wash Colour	D - 848	Not darker than No. 2 Colour Standard.
Copper Strip Corrosion (1 hr. @ 100° C)	D-849	Passes 1A or 1B
Conforms to ASTM Grade D835-90 of Nitration grade Benzene		
In addition BPCL follows the following spec for better customer satisfaction.		
Non-Aromatics, ppm	ASTM 5134	Max. 300
Toluene, ppm	ASTM 5134	Max. 500