



energising life

TOLUENE

TEST	METHOD	SPECIFICATION
Colour	5 of IS : 82 -1973	Not darker than freshly prepared solution of 0.8 ml. of 0.1N Potassium Dichromate and 12 ml. of 0.1N of Cobalt Sulphate made up to 1000 ml with water.
Sp. Gravity :	6.3.3 of IS : 82 - 1973	
At 15/15°C		0.8700 to 0.8740
At 27/27°C		0.8590 to 0.8630
Distillation range	IS : 5298(1969)	The difference between temperature (running pts) at which 1 & 96% of the volume taken have been collected shall not exceed 0.6°C when a treated sample is tested by standard method. This range shall include the temperature of 110.6°C.
Residue on evaporation, mg/100 ml.	9 of IS:82-1973	Max. 5
Total Sulphur %wt.	Appendix C of IS:537-1967	Max.0.1
Hydrogen Sulphide	Appendix D of IS:537-1967	To pass test
Mercaptan	P:19 of IS:1448	Shall give no positive reaction.
Conforms to specifications of IS:537-1967 Nitration grade of Toluene		
In addition BPCL follows the following spec for better customer satisfaction		
Acid Wash Colour	D - 848	Not darker than No. 2 Colour Standard.
Distillation	IS:5298-1969	Difference between IBP & DP shall be not more than 1°C