

Toluene

Characteristics	IS:537-1967	Typical Test Results ex Koyali
Colour	Not darker than a freshly prepared solution of 0.8 ml of 0.1 N potassium dichromate and 12 ml of 0.1 N cobalt sulphate made upto 1000 ml with water	Not darker than a solution of 0.003 G of $K_2Cr_2O_7$ in 1 litre of water
Specific Gravity at : a) 15°/15°C b) 27°/27°C	0.870 to 0.874 0.859 to 0.863	0.8690-0.8730
Distillation range	The difference between the temperature (running points) at which 1 and 96% of the volume taken have been collected shall not exceed 0.6°C when a sample is tested by standard method. This range shall include the temperature of 110.6°C.	Not more than 1°C including the temperature of $110.6 \pm 0.1^\circ C$
Residue on evaporation, mg/100 ml, Max	5	-
Total Sulphur, % by wt Max	0.1	Free of H_2S & SO_2
Hydrogen Sulphide	To pass test	D
Mercaptans	Shall give no positive reaction	-
GC Analysis, % wt Saturates Benzene Toluene CST	0.5 max 0.05 99.5 max To be report	
Paraffins		No more than 1.5% by vol.
Acid wash colour		Not darker than no.2 colour standard
Acidity		No free acid, that is, no evidence of acidity
Copper corrosion		Copper strip shall not show iridescence nor a gray or black deposit or discoloration.