

Borzuyeh Petrochemical Co.

Benzene Spec.

<i>PROPERTIES</i>	<i>TEST METHOD</i>	<i>UNIT</i>	<i>SPECIFICATIONS</i>
Purity	ASTM D4492	Wt%	99.9 Min.
Toluene	ASTM D4492	Wt%	0.015 Max.
Non Aromatics	ASTM D4492	Wt%	0.07 Max.
Density at 15.6 °C	ASTM D1298	Gr/cm ³	0.882-0.886
Appearance	Visual	---	Clear, free of haze/sediment
Color Pt-Co Scale	ASTM D1209	---	15 Max.
Acid Wash Color	ASTM D848	---	1.0 Max.
Acidity	ASTM D847	mg NaOH/100ml	No free acid
Copper Corrosion	ASTM D849	---	Pass 1 A
Total Sulfur	ASTM D5453	Wt PPM	1.0 Max.
H ₂ S and SO ₂ Content	ASTM D853	---	Free of H ₂ S/SO ₂
Distillation Range	ASTM D850	°C	1.0 Max. (Including 80.1)
Solidification Point	ASTM D852	°C	5.4 Min.
Water Content	ASTM D1744	Wt PPM	200 Max.
Thiophene	IFP9421	Wt PPM	1.0 Max.
Total Chloride	ASTM D4929	Wt PPM	2.0 Max.
Bromine Index	ASTM1492	mg /100gr	10 Max.
Total Nitrogen	ASTM D4629	Wt PPM	1.0 Max.
Methylcyclohexane	ASTM D4492	WT PPM	400 Max.