

EXHIBIT – 1
Para-Xylene (Px) Quality Specifications

Requirement	Guarantee Value	Test Method
Appearance, Visual Inspection	Clear liquid free of sediment and haze	Visual
Purity, wt%	99.7 min	UOP 720
Non-Aromatics, wt%	0.05 Max	UOP 720
Meta-xylene, wt%	0.1 max	UOP 720
Ortho-xylene, wt%	0.1 Max	UOP 720
Ethyl Benzene, Wt %	0.1 Max	UOP 720
Toluene, Wt ppm	200 Max	UOP 720
Benzene, wt ppm	50 Max	UOP 720
Total Sulfur, wt ppm	1 max	ASTM D4045
Distillation Range@760 mmHg, ° C	1 incl. 138.3	ASTM D850
Specific Gravity (15.6/15.6oC)	0.864 Min -0.866 Max	ASTM D4052
Doctor Test	Negative (passes sweet)	UOP 41
Acid Wash Color	2.0 max	ASTM D848
Bromine Index, mg/100gm	20 Max	ASTM D1492
Total Chlorides, wt ppm	1.0 max	UOP 395
Copper Strip Corrosion	1A (pass)	ASTM D849
Color, Pt-Co scale	10 Max	ASTM D1209
Freeze point, oC	13.05 min	ASTM D1493 or 6875