Toluene — Technical Specifications

No.	Property	Unit / Test Conditions	Specification	Test Method
1	Purity	wt.%	99.90 min.	ASTM D2360-11
2	Non-aromatics	wt.%	0.10 max.	ASTM D2360-11
3	Benzene	wt.%	0.03 max.	ASTM D2360-11
4	Distillation range	At 760 mmHg	Total range: 1°C max.; must include 110.6°C.	ASTM D850-02
5	Appearance	At 18.3–25.6°C	Clear liquid, free from sediment or haze.	Visual inspection
6	Total sulfur	ppm by weight	1 max.	ASTM D4045-04
7	Copper corrosion	—	1a or better; acceptable.	ASTM D849-11
8	Color	Pt-Co scale	20 max. (10 expected)	ASTM D1209-11
9	Acid wash color	—	2 max.	ASTM D848-09
10	Acidity	—	None	ASTM D847-08
11	Specific gravity	g/cm³ at 15.56°C	0.869–0.873	ASTM D4052-11
12	SO2 / H2S	—	None	ASTM D853-04