

7306 X Y L E N E



Revision 10/2023

CITGO Xylene is a low-boiling, aromatic solvent consisting primarily of C8 mixed isomers. Xylene is a clear, colorless, flammable liquid that is miscible with most common organic solvents and it has a light aromatic odor. CITGO Xylene meets ASTM D843 requirements for Nitration Grade quality. Specifications and typical properties are listed below.

Property Description	Units	Specification	Typical Property	ASTM Method
API GRAVITY (60/60 F)	DEG API	REPORT	30.9	D287 OR D4052
ACID WASH, ACID PHASE		6 MAX	<1	D848
ACID WASH, OIL PHASE		NO CHANGE	NO CHANGE	D848
APPEARANCE			CLEAR, FREE OF SEDIMENT	
Benzene	WT %	0.09 MAX	<0.005	GC-VUV
C8 AROMATICS	WT %	98.0 MIN	98.7	GC
C9 AROMATICS	WT %	1.5 MAX	0.66	GC
COLOR, Pt-Co		20 MAX	5	D1209
COPPER CORROSION		1 (B) MAX	1 (A)	D849
DISTILLATION, IBP	DEGC	137.0 MIN	139	D850
DISTILLATION, DP	DEGC	143.0 MAX	141	D850
DISTILLATION RANGE	DEGC	5 MAX	2	D850
ETHYL BENZENE	WT%		18	GC
FLASH POINT (TCC)	DEGF		80	D56
KAURI-BUTANOL VALUE (KB)			98	D1133
REFR. INDEX (TYPICAL @ 25C)			1.4942	D1218
SABOLT COLOR		+28 MIN	30	D156
SPECIFIC GRAVITY (60/60 F)		0.865 – 0.875	0.871	D287 (CALC'D)
SULFUR CONTENT		10 MAX	<1	D5453
SULFUR AS H ₂ S/SO ₂	PPM	REPORT	NEGATIVE	D853
TOLUENE CONTENT	WT%	0.5 MAX	0.1	GC
TOTAL NON-AROMATICS	WT%	0.5 MAX	0.04	GC
m-XYLENE	WT%		44	GC
o-XYLENE	WT%		18	GC
p-XYLENE	WT%		19	GC
WATER	PPM		<200	D6304



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Limitations of Warranty & Liability

Seller warrants its product will meet the specifications listed herein and it has good title to the product, free and clear of all liens and security interests; SELLER MAKES NO OTHER WARRANTY, WHETHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Buyer or user accepts liability for determining if the product is suitable for Buyer's or user's intended use. Any recommendation as to use made by Seller is done so at Buyer's or user's risk.

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Buyer acknowledges receipt of a Material Safety Data Sheet for the product and that the product may require special handling, storage, transportation, treatment or use to comply with applicable safety and environmental standards and will take all necessary action to comply therewith. Buyer further agrees to properly label the product if it is repackaged or resold and pass on all safety information and hazard warnings to its employees, purchasers, and users and their employees.
