

# 7307 TOLUENE



Revision 10/2023

CITGO Toluene is a narrow range, low-boiling, C7 aromatic hydrocarbon a light aromatic odor. Toluene is a clear, colorless, flammable liquid that is miscible with most common organic solvents. CITGO Toluene meets the ASTM D841 Standard for Nitration Grade quality. See the Safety Data Sheet for safety and regulatory information.

Property Description	Units	Specification	Typical Property	ASTM Method
ACID WASH COLOR, ACID PHASE		2 MAX	0	D848
ACID WASH COLOR, OIL PHASE		NO CHANGE	NO CHANGE	D848
ACIDITY			NONE	D847
ACIDITY OF RESIDUE			NEUTRAL	D1093
ANILINE POINT	DEGF		47	D611
API GRAVITY (60/60 F)	DEG API		30.8	D287 OR D4052
APPEARANCE			CLEAR, FREE OF SEDIMENT	
BENZENE CONTENT	WT %	0.09 MAX	<0.005	GC VUV
C8 AROMATICS	WT%		0.05	GC
COLOR, Pt-Co.		20 MAX	5	D1209
COLOR, SAYBOLT		+28 MIN	30	D156
COPPER CORROSION		1 (B) MAX	1 (A)	D849
DENSITY @ 60 F (15.6 C)	LB/GAL		7.26	D287 (CALC'D)
DISTILLATION, IBP	DEGC	109.6 – 110.6	110.3	D850
DISTILLATION, 50%	DEGC		110.6	D850
DISTILLATION, DP	DEGC	110.6 – 111.6	111.0	D850
DISTILLATION RANGE	DEGC	1.0 MAX	0.7	D850
FLASH POINT (TCC)	DEGF		48	D56
KAURI-BUTANOL VALUE (KB)			105	D1133
REFR. INDEX (TYPICAL @ 25C)			1.4976	D1218
SPECIFIC GRAVITY (60/60 F)		0.8690 – 0.8730	0.8719	D287 (CALC'D)
SULFUR CONTENT	PPM	10 MAX	<1	D5453
TOLUENE CONTENT	WT%	99.8 MIN	99.9	GC
WATER	PPM		50	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.

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