



**PRODUCT SPECIFICATION SHEET**  
**TOLUENE**  
 MEETS GENERAL USE HPLC-UV MONOGRAPHS

Main Catalog # / Product Code: 34700HPLC

Available in the following sizes:

4x1 gallon Fluorinated Poly, 4x4 liter Amber Glass

Product Specifications	Limits	Typical Lot Analysis
Assay (GC), corrected for water	99.7% min.	99.97%
Color (APHA)	10 max.	5
Appearance	Clear Liquid	Pass
Residue after Evaporation	10 ppm max.	0 ppm
Substances Darkened by H <sub>2</sub> SO <sub>4</sub>	To Pass Test	Pass
Sulfur Compounds (S)	0.003% max.	< 0.001%
Water	0.03% max.	0.02%
Benzene	0.03% max.	None Detected
C8 Aromatics	Per Lot	0.02%
Non - Aromatics	Per Lot	0.06%
Specific Gravity 60°F	0.869 - 0.873	0.872
UV Absorbance (ACS) @ 286 nm	1.00 max.	0.53
@ 288 nm	0.50 max.	0.33
@ 293 nm	0.20 max.	0.18
@ 300 nm	0.10 max.	0.10
@ 310 nm	0.05 max.	0.04
@ 335 nm	0.02 max.	0.01
@ 350 nm	0.01 max.	0.00
@ 400 nm	0.01 max.	0.00
Boiling Range w/in 2.0C, inc. 110.6C +/-0.1C	To Pass Test	Pass

Form: Toluene, HPLC, #301, Rev. 2.7, 05/19, PJM

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.