



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), min.	99.7%	99.97%
Color (APHA), max.	10	5
Appearance	Clear	Clear
Res. After evap., max.	10	< 10 ppm
Subst. Dark. by H ₂ SO ₄	To Pass	Pass
Sulfur Com. (as S), max.	0.003%	< 0.001%
Water, max.	0.03%	0.015%
Refractive Index @ 25 C	To Pass	1.4925
Benzene	0.03%	< 1 ppm
C8 Aromatics	Per Lot	0.009%
Non - Aromatics	Per Lot	0.0226 %
Specific Gravity 60/60F	0.869-0.873	0.8719
UV Absorbance (ACS) @ 286 nm	1.00	Pass
@ 288 nm	0.50	Pass
@ 293 nm	0.20	Pass
@ 300 nm	0.10	Pass
@ 310 nm	0.05	Pass
@ 335 nm	0.02	Pass
@ 350 nm	0.01	Pass
@ 400 nm	0.01	Pass
Boiling Range w/in 2.0C, inc. 110.6C +/-0.1C	To Pass	Pass

Form: Toluene, HPLC, #301, Rev. 2.6, 06/16, KAD

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.