LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Toluene HPLC Grade
Item Number: TOLHPLC
CAS#: 108-88-3
Grade: HPLC
Lot Number: 5002741/3.1
Manufacture Date: 07/09/2026
Retest Date : 07/08/2031
Country of Origin: United States

Tested Property	Specification	Analysis
Appearance	Clear colorless liquid	Pass
Assay (GC) Corrected for Water	Min 99.5%	99.88%
Color	Max 10 APHA	2 APHA
Residue after Evaporation	Max 0.001%	0.001%
Substances Darkened by Sulfuric Acid	Passes the test	Pass
Sulfur Compounds as Sulfur	Max 0.003%	<0.001%
Benzene	Max 0.03%	0.00%
Water	Max 0.03%	0.03%
UV Absorbance:		
@ 286 nm	Max 1.0 AU	0.45 AU
@ 288 nm	Max 0.5 AU	0.30 AU
@ 293 nm	Max 0.20 AU	0.17 AU
@ 300 nm	Max 0.10 AU	0.10 AU
@ 310 nm	Max 0.05 AU	0.05 AU
@ 335 nm	Max 0.02 AU	0.02 AU
@ 350 nm	Max 0.01 AU	0.01 AU
@ 400 nm	Max 0.01 AU	0.00 AU
Boiling Range within 20ºC, inc. 110.6ºC	To Pass the Test	Pass
C8 Aromatics	As reported	0.00%
Non-Aromatics	As reported	0.09%

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Specific Gravity at 60°F	0.869 - 0.873	0.872

Store in a cool, dry, and well-ventilated environment away from heat.

Toluene HPLC Grade

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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