



**ChemPure* Brand
Chemicals**

...Pure Quality

CERTIFICATE OF ANALYSIS

Product: Toluene HPLC-UV Grade
 CAT.NO. CP-C4954
 MF: C₆H₅CH₃
 FW: 92.14
 LOT: C19G12
 Mfg Date: July 26, 2019
 Use By: July 26, 2024

CAS #: 108-88-3
 Boiling Point: 110.6°C

TEST	SPECIFICATIONS	RESULTS
Assay	min.99.7%	99.91%
Water (H ₂ O)	0.03%	<0.01%
Evaporation Residue	10	0.000%
Substances Darkened H ₂ SO ₄	T.P.T.	Passes Test
Sulfur Compounds(S)	max. 0.003%	<0.001%
Color (APHA)	< 10	3
Refractive Index	T.P.T.	Pass
Benzene	0.04%	None detected
C8 Aromatics	Per Lot	0.01%
Non-Aromatics	Per Lot	0.06%
400-350nm	0.01	0.00
335nm	0.02	0.01
310nm	0.05	0.05
300nm	0.10	0.10
293nm	0.20	0.19
288nm	0.50	0.33
286nm	1.00	0.51
Specific Gravity 60/60F	0.869-0.873	0.872

Approved: V.Mekesa QC Mgr. 10/24/2019

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