



**ChemPure* Brand
Chemicals**

...Pure Quality

CERTIFICATE OF ANALYSIS

Product: Toluene HPLC-UV Grade
 CAT.NO. CP-C4954
 MF: C₆H₅CH₃
 FW: 92.14
 LOT: C17E30
 Mfg Date: May 5, 2017
 Use By: May 4, 2022

CAS #: 108-88-3
 Boiling Point: 110°C)

TEST	SPECIFICATIONS	RESULTS
Assay	min.99.7%	>99.90%
Water (H ₂ O)	0.03%	Conforms
Evaporation Residue	4 ppm	0 ppm
Substances Darkened H ₂ SO ₄	T.P.T.	Passes Test
Sulfur Compounds(S)	max. 0.003%	<0.001%
Color (APHA)	< 10	2
Refractive Index	T.P.T.	Conforms
Benzene	0.04%	<0.01%
C8 Aromatics	Per Lot	0.03%
Non-Aromatics	Per Lot	0.06%
400-350nm	0.01	0.00
335nm	0.02	0.01
310nm	0.05	0.04
300nm	0.10	0.01
293nm	0.20	0.19
288nm	0.50	0.34
286nm	1.00	0.53
Specific Gravity 60/60F	0.869-0.873	0.872

Approved: V.Mekesa QC Mgr. 5/5/2018

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