



**ChemPure\* Brand  
Chemicals**

...Pure Quality

### CERTIFICATE OF ANALYSIS

Product:	Toluene	HPLC-UV Grade
CAT.NO.	CP-C4954	
MF:	C <sub>6</sub> H <sub>5</sub> CH <sub>3</sub>	
FW:	92.14	
LOT:	C19B06	
Mfg Date:	February 20, 2019	CAS #: 108-88-3
Use By:	February 19, 2024	Boiling Point: 110.6°C

TEST	SPECIFICATIONS	RESULTS
Assay	min.99.7%	99.92%
Water (H <sub>2</sub> O)	0.03%	<0.01%
Evaporation Residue	10	0.000%
Substances Darkened H <sub>2</sub> SO <sub>4</sub>	T.P.T.	Passes Test
Sulfur Compounds(S)	max. 0.003%	<0.0003%
Color (APHA)	< 10	1
Refractive Index	T.P.T.	Pass
Benzene	0.04%	None detected
C8 Aromatics	Per Lot	0.02%
Non-Aromatics	Per Lot	0.06%
400-350nm	0.01	0.00
335nm	0.02	0.02
310nm	0.05	0.04
300nm	0.10	0.09
293nm	0.20	0.18
288nm	0.50	0.34
286nm	1.00	0.54
Specific Gravity 60/60F	0.869-0.873	0.872

Approved: V.Mekesa QC Mgr. 2/20/2019

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