



**ChemPure* Brand
Chemicals**

...Pure Quality

CERTIFICATE OF ANALYSIS

Product: Toluene HPLC-UV Grade
 CAT.NO. CP-C4954
 CAS #: 108-88-3

LOT: C17E30BLK MF: C₆H₅CH₃
 Mfg Date: May 30, 2017 FW: 92.14
 Use By: May 29, 2022 Boiling Point: 110°C)

TEST	SPECIFICATIONS	RESULTS
Assay (GC)	min.99.7%	99.90%
Water (H ₂ O)	0.03%	<0.01%
Residue After Evaporation	10 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.	Passes Test
Benzene	0.04%	< 0.01%
C8 Aromatics	Per Lot	0.03%
Non-Aromatics	Per Lot	0.06%
UV ABSORBANCE (ACS)	400-350nm	0.00
	335nm	0.01
	310nm	0.05
	300nm	0.10
	293nm	0.20
	288nm	0.50
	286nm	1.00
Specific Gravity 60/60F	0.869-0.873	0.872
Appearance	Clear	Pass

Approved: V.Mekesa, QC Mgr. 6/6/2018

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