



CERTIFICATE OF ANALYSIS

Product Name	:	TOLUENE 99.5% AR
Cas No.	:	108-88-3
Code No.	:	02724
Batch No.	:	PC07231027
Mfg. Date	:	JULY-2023
Date Of Analysis	:	25/07/2023
Retest Date	:	JUNE-2028

TEST	SPECIFICATION	RESULT
Appearance	A clear colorless liquid	A clear colorless liquid
Purity (by GC)	Min 99.5%	99.74%
Weight/ mL at 20°C	0.860 - 0.867 g/ml	0.866 g/ml
Refractive index (20°C; 589 nm)	1.494 - 1.497	1.495
Water (H ₂ O)	Max 0.03%	0.01%
Acidity	Max 0.012 ml N%	Nil
Alkalinity	Max 0.012 ml N%	0.007 ml N%
Non-volatile matter	Max 0.002%	0.0012%
Benzene (C ₆ H ₆)	Max 0.2%	0.05%
Copper (Cu)	Max 0.00005%	0.000024%
Iron (Fe)	Max 0.0001%	0.00006%
Lead (Pb)	Max 0.00005%	0.000010%
Organic impurities	Passes acid wash test	Complies
Sulphur compounds (as CS ₂)	Max 0.0003%	0.00012%
Thiophen homologues (C ₄ H ₄ S)	Max 0.0002%	0.00007%

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

This is an electronically generated Certificate and is valid without a signature.

For Issues relating to Quality you may send us a mail on **sales@pallavchemicals.com** or call on **022 4928 4000**

Website: www.pallavchemicals.com