



CERTIFICATE OF ANALYSIS

Product Name	:	BENZENE 99.5% AR
Code No.	:	00371
Batch No.	:	PC09221384
Mfg. Date	:	SEP-2022
Date Of Analysis	:	24/09/2022
Retest Date	:	AUG-2027

TEST	SPECIFICATION	RESULT
Appearance	Clear colourless liquid	Clear colourless liquid
Assay	Min 99.5%	99.68%
Identity (IR)	Passes test	Complies
Colour scale	Max 10 APHA	8 APHA
Weight/ mL at 20°C	0.877-0.878 g/ml	0.877g/ml
Refractive index (20°C; 589 nm)	1.499 -1.502	1.499
Alkalinity	Max 0.0001 meq/g	Less than 0.0001 meq/g
Copper (Cu)	Max 0.00002%	Less than 0.00002%
Iron (Fe)	Max 0.00005%	Less than 0.00005%
Lead (Pb)	Max 0.00002%	Less than 0.00002%
Substance darkened by H ₂ SO ₄	Passes test	Complies
Sulphur compounds (S)	Max 0.005%	Less than 0.005%
Thiophene (C ₄ H ₄ S)	Passes test (about 1 ppm)	Complies
Freezing point	Min 5.2°C	5.5°C
Water (H ₂ O)	Max 0.05%	0.041%
Acidity	Max 0.0001 meq/g	Less than 0.0001 meq/g
Residue on evaporation	Max 0.001%	0.0007%

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