



CERTIFICATE OF ANALYSIS

Product Name	:	ACETONE 99.5% AR
Code No.	:	00028
Batch No.	:	PC08220999
Mfg. Date	:	AUG-2022
Date Of Analysis	:	05/08/2022
Retest Date	:	JULY-2027

TEST	SPECIFICATION	RESULT
Appearance	Clear colourless liquid with characteristics odour	Clear colourless liquid with characteristics odour
Identity (IR)	Confirms to structure	Complies
Colour scale	Max. 10 APHA	6 APHA
Solubility	Miscible with water	Complies
Identification as per USP	To comply the test	Complies
Assay (GC area %)	Min. 99.5%	99.84%
Refractive index (20°C; 589 nm)	1.3580 - 1.3600	1.3580
Density (d ₂₀ ^{°C} /4°C)	0.789 - 0.791 g/ml	0.791 g/ml
Density (d ₂₅ ^{°C} /25°C)	Max 0.789 g/ml	0.789 g/ml
Acidity (as CH ₃ COOH)	Max. 0.0003 meq/g	Less than 0.0003 meq/g
Alkalinity	Max. 0.0006 meq/g	Less than. 0.0006 meq/g
Residue on evaporation	Max. 0.0005%	0.0002%
Aldehyde (as HCHO)	Max. 0.002%	Less than 0.002%
Methanol (CH ₃ OH)	Max. 0.05%	Less than 0.05%
2-Propanol	Max. 0.05%	Less than 0.05%
Water (H ₂ O)	Max. 0.5%	0.28%
Substance reducing KMnO ₄ (as O)	Max. 0.0002% (passes ACS)	Complies

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