



Pallav Chemicals & Solvents Pvt. Ltd

Manufacturers of Laboratory Fine Chemicals

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Factory: N-226 Near Kumbhavali Naka, Tarapur MIDC, Boisar - 401506. • Email: sales@pallavchemicals.com

CERTIFICATE OF ANALYSIS

Product Name	:	ACETONE AR
Code No.	:	00028
Batch No.	:	PC/0263/20-3
Mfg. Date	:	OCT-2020
Date Of Analysis	:	26/10/2020
Retest Date	:	SEPT-2025

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	8 APHA
Solubility	Miscible with water	Complies
Identification as per USP	To comply the test	complies
Assay (GC area %)	Min. 99.5%	99.88%
Refractive index (20°C; 589 nm)	1.3580 - 1.3600	1.3595
Density (d ₂₀ °C/4°C)	0.789 - 0.791 g/ml	0.791g/ml
Density (d ₂₅ °C/25°C)	Max 0.789gm/ml	0.788gm/ml
Acidity (as CH ₃ COOH)	Max. 0.0003 meq/g	0.00015 meq/g
Alkalinity	Max. 0.0006 meq/g	0.00021 meq/g
Residue on evaporation	Max. 0.0005%	0.00015%
Aldehyde (as HCHO)	Max. 0.002%	0.0010%
Methanol (CH ₃ OH)	Max. 0.05%	0.008%
2-Propanol	Max. 0.05%	0.030%
Water (H ₂ O)	Max. 0.5%	0.29%
Substance reducing KMnO ₄ (as O)	Max. 0.0002% (passes ACS)	0.00010%

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