



Pallav Chemicals & Solvents Pvt. Ltd.
Manufacturers of Laboratory Fine Chemicals

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CERTIFICATE OF ANALYSIS

Product Name	:	1,4-DIOXANE 99.5% AR
Code No.	:	01073
Batch No.	:	PC06220571
Mfg. Date	:	JUNE-2022
Date Of Analysis	:	27/06/2022
Retest Date	:	MAY-2027

TEST	SPECIFICATION	RESULT
Appearance	A clear colorless liquid	A clear colorless liquid
Assay	Min 99.5%	99.69%
Weight/ mL at 20°C	1.032 - 1.034 g/ml	1.032 g/ml
APHA colour	Max 10	7 APHA
Freezing point	Min 11 °C	13 °C
Refractive index (20°C; 589 nm)	1.421 - 1.423	1.422
Water (H ₂ O)	Max 0.05%	0.023%
Acidity (as CH ₃ COOH)	Max 0.02%	Less than 0.02%
Non-volatile matter	Max 0.01%	0.007%
Acetal [CH ₃ CH(OC ₂ H ₅) ₂]	Max 0.8%	Less than 0.8%
Copper (Cu)	Max 0.0001%	Less than 0.0001%
Iron (Fe)	Max 0.0001%	Less than 0.0001%
Lead (Pb)	Max 0.0001%	Less than 0.0001%

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