

CERTIFICATE OF ANALYSIS

PRODUCT NAME : n-PENTANE FOR HPLC /SPECTROSCOPY

CAS No	: 109-66-0	Product code	: 41085
Mol. Formula	: CH ₃ (CH ₂) ₃ . CH ₃	Batch No	: MCR-29270
Mol. WT	: 72.15	Mfd.	: Sept. 2023
Date of analysis	: 13/09/23	Exp.	: Aug. 2028

S.R	Test	Specification	Observation
1	Description	A clear colourless liquid with characteristic odour	A clear colourless liquid with characteristic odour
2	Assay	99.0 % min.	99.45%
3	Water	0.01% max.	0.008%
4	Acidity (as C ₄ H ₉ COOH)	0.001% max.	<0.001%
5	Non volatile matter	0.0005% max.	0.0003%
6	Maximum UV absorbance (1.0 cm cell vs H ₂ O)		
	Wavelength	Transmission	Observation
	200 nm	1.00	0.498
	210 nm	0.30	0.165
	225nm	0.10	0.041
	235nm	0.05	0.023
	250 nm	0.01	0.009

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Sonu)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.