

FINISHED GOODS SPECIFICATION

Department: Quality Control	Location: All Units	Specification No.	LC/AU/QC/FGS/P049/04
Specification: n-PENTANE AR			Product Code: P049
Issue date	05/09/2025	Effective date	08/09/2025
Version No.:	04	Supersedes	05/09/2023
		Review date	04/09/2028
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PRODUCT DETAILS

1	Molecular Formula	$\text{CH}_3(\text{CH}_2)_3\text{CH}_3$	$\text{CH}_3(\text{CH}_2)_3\text{CH}_3$
2	Product code	P049	
3	Molecular weight	72.15	
4	CAS No	109-66-0	
5	Hazard Statement	H225 - H304 - H336 - H411	
6	Precautionary Statement	P210 - P273 - P301 + P310 + P331	
7	UN No.	UN1265	

PACKING DETAILS

	Product code	Pack size
1	P04930	500 mL
2	P04932	2.5 L

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	A clear, colourless liquid.
2	Assay (GC)	Not less than 99.5%
3	Weight per mL at 20°C	Between 0.624 and 0.626 g
4	Boiling range (95%)	Between 35.0 and 37.0°C
5	Non – volatile matter	Not more than 0.002%
6	Acidity (as CH_3COOH)	Not more than 0.001%
7	Bromine number	Not more than 0.5
8	Water (by KF)	Not more than 0.02%

SAFETY SYMBOLS



Harmful / Irritant



Flammable



Health hazard



Dangerous for the environment

	Prepared by	Checked by	Approved by
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Signature			
Date	05/09/2025	05/09/2025	05/09/2025