

FINISHED GOODS SPECIFICATION

Department: Quality Control		Location:	All Units	Specification No.	LC/AU/QC/FGS/H009/04
Specification: n-HEPTANE AR					Product Code: H009
Issue date	05/09/2025	Effective date	08/09/2025	Review date	04/09/2028
Version No.:	04	Supersedes	05/09/2023	Page 1 of 2	

PRODUCT DETAILS

1	Molecular Formula	CH ₃ (CH ₂) ₅ CH ₃
2	Product code	H009
3	Molecular weight	100.20
4	CAS No	142-82-5
5	Hazard Statement	H225, H304, H315, H336, H410
6	Precautionary Statement	P210 - P233 - P273 - P301 + P310 - P303 + P361 + P353 - P331
7	UN No.	UN1206



PACKING DETAILS

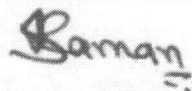
	Product code	Pack size
1	H00930	500 mL
2	H00932	2.5 L

PRODUCT SPECIFICATION

SL. No. TEST PARAMETERS

LIMITS

1	Description	A clear colourless liquid with characteristic odour.
2	Identification (By IR Spectrum)	To conform with standard.
3	Assay (GC)	Not less than 99.5%
4	Weight per mL	Between 0.683 and 0.684 g
5	Distillation range	Between 97.0 and 99.0°C
6	Refractive index	Between 1.3880 and 1.3885
7	Acidity (as CH ₃ COOH)	Not more than 0.0005%
8	Alkalinity (NH ₃)	Not more than 0.0001%
9	Bromine number	Not more than 0.5
10	Non – volatile matter	Not more than 0.001%
11	Water (by KF)	Not more than 0.05%
12	Sulphur compounds (CS ₂)	Not more than 0.0003%

	Prepared by	Checked by	Approved by
Name	Latha	M.Vijayababu	S. Venkataraman
Signature			
Date	05/09/2025	05/09/2025	05/09/2025

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SAFETY SYMBOLS



Harmful / Irritant



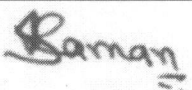
Health hazard



Flammable



Dangerous for the environment

	Prepared by	Checked by	Approved by
Name	Latha	M.Vijayababu	S. Venkataraman
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