

CERTIFICATE OF ANALYSIS

Product Name	n-Heptane GC-HS		
Synonyms	Heptane		
CAS No	142-82-5		
Product code	SY00074	Batch No	LNHBF0430
Molecular Formula	C ₇ H ₁₆	Molecular Weight	100.20
Mfg. Date	Apr-26	Expiry Date	Mar-29
Storage Conditions	Store at room temperature, tightly closed container		

Test	Specification	Results
Description	Clear colourless liquid	Clear colourless liquid
Assay by GC	NLT 99.50 %	99.70 %
Water (KF)	NMT 0.01 %.	0.003 %
Colour (APHA)	10	10
Acidity (as CH₃COOH)	NMT 0.0005	0.0005%
Residue after evaporation	NMT 0.0005 %	0.0005 %
UV TRANSMITTANCE		
WAVELENGTH 195 nm	10%	11%
WAVELENGTH 200nm	20%	26%
WAVELENGTH 210nm	40%	57%
WAVELENGTH 220 nm	80%	84%
WAVELENGTH 230 nm	90%	95%
WAVELENGTH 230 nm	98%	98%
WAVELENGTH 230 nm	99%	100%

Approved by
Dr. Gopinath PH. D

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