



CERTIFICATE OF ANALYSIS

Date: 23/04/18

PRODUCT NAME : n-HEPTANE 99.5% AR

CAS No : 142-82-5
Mol. Formula : C₇H₁₆
Mol. WT : 100.21
Exp. : March 2023

Product code : 23435
Batch No : MCR-15969
Mfd. : April 2018

S.R	Test	Specification	Observation
1	Assay (by GC)	99.5 % min	99.76 %
2	Wt. per ml at 20 ⁰ C	0.683 – 0.684g	0.684g
3	Bromine number	NMT 0.5	0.3
4	Refractive index at 20 ⁰ c	1.3880-1.3885	1.3880
5	Miscibility with chloroform and diethyl ether	Passes test	Passes test
6	Water	0.02% max	0.01%
7	Acidity (CH ₃ COOH)	0.0005% max	<0.0005%
8	Alkalinity(NH ₃)	0.0001% max	<0.0001%
9	Non volatile matter	0.001% max	0.0007%
10	Sulphur compounds(CS ₂)	0.0003% max	<0.0003%
11	Copper (Cu)	0.00002% max	<0.00002%
12	Iron (Fe)	0.00005% max	<0.00005%
13	Lead (Pb)	0.00002% max	<0.00002%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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