



CERTIFICATE OF ANALYSIS

Date: 07/04/14

PRODUCT NAME : n-HEPTANE 99.5%GR

CAS No : 142-82-5

Product code : 23435

Mol. Formula : C₇H₁₆

Batch No : MCRT- 8022

Mol. WT : 100.21

Mfd. : April 2014

S.R	Test	Specification	Observation
1	Assay (by GC)	99.5 % min	99.85 %
2	Wt. per ml at 20 ⁰ C	0.683 – 0684g	0.683g
3	Bromine number	NMT 0.5	0.3
4	Refractive index	1.3880-1.3885	1.3880
5	Miscibility with chloroform and diethyl ether	Passes test	Passes test
6	Water	0.02% max	0.005%
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	0.0005%
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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