



## CERTIFICATE OF ANALYSIS

Date: 01/02/18

PRODUCT NAME : n – HEPTANE AR

CAS No : 142-82-5

Product code : 23435

Mol. Formula : C<sub>7</sub>H<sub>16</sub>

Batch No : MCRT-2453-01

Mol. WT : 100.21

Mfd. : Feb. 2018

Exp. : Jan. 2023

S.R	Test	Specification	Observation
1	Assay (by GC)	99.5 % min	99.86 %
2	Wt. per ml at 20 <sup>0</sup> C	0.683 – 0684g	0.683g
3	Bromine number	NMT 0.5	0.40
4	Refractive index	1.3880-1.3885	1.3882
5	Miscibility with chloroform and diethyl ether	Passes test	Passes test
6	Water	0.02% max	0.016%
7	Acidity (CH <sub>3</sub> COOH)	0.0005% max	<0.0005%
8	Alkalinity(NH <sub>3</sub> )	0.0001% max	<0.0001%
9	Non volatile matter	0.001% max	0.0006%
10	Sulphur compounds(CS <sub>2</sub> )	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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