



## CERTIFICATE OF ANALYSIS

Date:07/09/13

PRODUCT NAME : n-HEXANE GR

CAS No : 110- 54- 3  
Mol. Formula : C<sub>6</sub>H<sub>14</sub>  
Mol. WT : 86.18

Product code : 23490  
Batch No : MCRT-7116  
Mfd. : Sept. 2013

S. R	Test	Specification	Observation
1	Assay (by GC)	99.0% min.	99.30%
2	Wt. per ml at 20 <sup>0</sup> C	0.658 to 0.659g	0.658g
3	Refractive index (n) <sup>20</sup> <sub>D</sub>	about 1.376	1.376
4	Water	0.05% max	0.02%
5	Non-volatile matter	0.001% max	0.0008%
6	Acidity (CH <sub>3</sub> .COOH)	0.0005% max	< 0.0005%
7	Alkalinity (NH <sub>3</sub> )	0.0001% max	<0.0001%
8	Bromine no.	NMT 0.5	< 0.5
9	Sulphur compounds(CS <sub>2</sub> )	0.005% max	<0.005%
10	Aromatic hydrocarbons (C <sub>6</sub> H <sub>6</sub> )	0.01% max	<0.01%
11	Copper (Cu)	0.000002% max	<0.000002%
12	Iron (Fe)	0.00001% max	<0.00001%
13	Lead (Pb)	0.000002% max	<0.000002%
14	Nikel (Ni)	0.000002% max	<0.000002%
15	Zinc (Zn)	0.00001% max	<0.00001%
16	Substances darkened by H <sub>2</sub> SO <sub>4</sub>	Passes test	Passes test

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[Q.C Incharge]

HEAD-QUALITY ASSUARANCE  
(G.G.Salian)

Note: Computer generated image requires no sign.

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