



CERTIFICATE OF ANALYSIS

Date: 03/07/14

PRODUCT NAME : n-HEXANE GR

CAS No : 110-54-3

Product code : 23490

Mol. Formula : C₆H₁₄

Batch No : MCRT-8371

Mol. WT : 86.18

Mfd. : July 2014

S. R	Test	Specification	Observation
1	Assay (GC)	99.0% min	99.44%
2	Wt.per ml (at 20 ⁰ c)	0.658-0.659g	0.659g
3	Refractive index (n) ²⁰ _D	About 1.376	1.376
4	Water	0.05% max	0.009%
5	Non volatile matter	0.001% max	0.0008%
6	Acidity (CH ₃ .COOH)	0.0005% max	<0.0005%
7	Alkalinity (NH ₃)	0.0001% max	<0.0001%
8	Bromine no.	NMT 0.5	0.5
9	Sulphur compounds (CS ₂)	0.005% max	<0.005%
10	Aromatic hydrocarbons (C ₆ H ₆)	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 ₂ SO ₄	Passes test	Passes test

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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