



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : n-HEXANE 95% FOR SYNTHESIS**

**CAS No : 110-54-3**  
**Mol. Formula : C<sub>6</sub>H<sub>14</sub>**  
**Mol. WT : 86.18**  
**Date of analysis : 11/01/21**

**Product code : 14790**  
**Batch No : MCR-22651**  
**Mfd. : Jan. 2021**  
**Exp. : Dec. 2025**

S. R	Test	Specification	Observation
1	<b>Description</b>	A clear colourless liquid with a characteristic odour. APHA not greater than 10 HU	A clear colourless liquid with a characteristic odour. APHA less than 10 HU
2	<b>Assay (GC)</b>	95 % min	97.7%
3	<b>Wt. per ml at 20<sup>0</sup>c</b>	0.650 – 0.662 g	0.655g
4	<b>Non Volatile Matter</b>	0.002% max	0.0008%
5	<b>Water(by KF)</b>	0.05% max	0.01%
6	<b>Acidity (as CH<sub>3</sub>COOH)</b>	0.005% max	< 0.005%
7	<b>Subs. darkened by H<sub>2</sub>SO<sub>4</sub></b>	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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