



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : n- BUTANOL 99% FOR SYNTHESIS**  
(Butane-1-ol, n-butyl alcohol)

<b>CAS No</b>	<b>: 71-36-3</b>	<b>Product code</b>	<b>: 13020</b>
<b>Mol. Formula</b>	<b>: C<sub>4</sub>H<sub>10</sub>O</b>	<b>Batch No</b>	<b>: MCR-17631</b>
<b>Mol. WT</b>	<b>: 74.12</b>	<b>Mfd.</b>	<b>: Dec. 2018</b>
<b>Date of analysis</b>	<b>: 31/12/18</b>	<b>Exp.</b>	<b>: Nov. 2023</b>

S. R	Test	Specification	Observation
1	<b>Description</b>	A clear, colourless liquid,with characteristic odour	A clear, colourless liquid,with characteristic odour
2	<b>Assay (GC)</b>	99% min	99.56%
3	<b>Wt. per ml (at 20<sup>0</sup>c)</b>	0.809-0.811g	0.819g
4	<b>Non volatile matter</b>	0.005% max	0.0008%
5	<b>Water</b>	0.5% max	0.37%

**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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