



## 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-28288</b>
<b>Mol. WT</b>	<b>: 74.12</b>	<b>Mfd.</b>	<b>: May 2023</b>
<b>Date of analysis</b>	<b>: 15/05/23</b>	<b>Exp.</b>	<b>: April 2028</b>

S.R	Test	Specification	Observation
1	<b>Description</b>	A clear, colourless liquid, with characteristic odor, APHA not greater than 10 HU.	A clear, colourless liquid, with characteristic odor, APHA less than 10 HU.
2	<b>Assay (GC)</b>	99% min	99.92%
3	<b>Wt. per ml (at 20<sup>o</sup>c)</b>	0.809-0.811g	0.810g
4	<b>Non volatile matter</b>	0.005% max	0.001%
5	<b>Water</b>	0.5% max	0.042%

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Priyanka)**

**HEAD-QUALITY ASSURANCE**  
**(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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