



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : n- BUTANOL 99% FOR SYNTHESIS**

**CAS No : 71-36-3**  
**Mol. Formula : C<sub>4</sub>H<sub>10</sub>O**  
**Mol. WT : 74.12**  
**Date Of Analysis : 12/10/19**

**Product code : 13020**  
**Batch No : MCR-19772**  
**Mfd. : Oct. 2019**  
**Exp. : Sept. 2024**

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	99.78%
3	<b>Wt. per ml (at 20<sup>0</sup>c)</b>	0.809-0.811g	0.810g
4	<b>Non volatile matter</b>	0.005% max	0.002%
5	<b>Water</b>	0.5% max	0.014%

**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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