



## 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-21542</b>
<b>Mol. WT</b>	<b>: 74.12</b>	<b>Mfd.</b>	<b>: July 2020</b>
<b>Date of analysis</b>	<b>: 02/07/20</b>	<b>Exp.</b>	<b>: June 2025</b>

<b>S. R</b>	<b>Test</b>	<b>Specification</b>	<b>Observation</b>
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	99.83%
3	<b>Wt. per ml (at 20<sup>o</sup>c)</b>	0.809-0.811g	0.811g
4	<b>Non volatile matter</b>	0.005% max	0.001%
5	<b>Water</b>	0.5% max	0.13%

**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.

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)**  
**Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)**  
**Works: Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,**  
**Kulgaon, Badlapur (E), Dist.-Thane-421 503**