



# BIO-CHEM CHEMICALS

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## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>N-BUTYL ALCOHOL 99% (FOR MOLECULAR BIOLOGY)</b>
<b>Code &amp; CAS No.</b>	<b>B-00553 / 71-36-3</b>
<b>Batch No.</b>	<b>BC01242242</b>
<b>Mfg.Date</b>	<b>JAN-2024</b>
<b>Date of Analysis</b>	<b>31/01/2024</b>
<b>Retest Date</b>	<b>DEC-2029</b>

TEST	SPECIFICATION	RESULT
Appearance	A clear colorless liquid	A clear colorless liquid
Assay (GC area %)	Min 99.5%	99.8%
Water (H <sub>2</sub> O)	Max 0.1%	0.05%
Acidity (as C <sub>4</sub> H <sub>8</sub> O <sub>2</sub> )	Max 0.0008 meq/gm	0.0006 meq/gm
Non-volatile Matter	Max 0.003%	0.002%
Aldehydes and Ketones (as C <sub>3</sub> H <sub>7</sub> CHO)	Max 0.015%	0.010%
Copper (Cu)	Max 0.0001%	0.00008%
Iron (Fe)	Max 0.0002%	0.0001%
Lead (Pb)	Max 0.0001%	0.00005%
Insoluble Matter in Water	Passes test	Passes test
Weight per mL at 20°C	0.808-0.810 g/mL	0.809 g/mL
Refractive Index (20°C; 589 nm)	1.399-1.400	1.3999

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

**This is an electronically generated certificate and is valid without a signature.**

For Issues relating to quality you may send us a mail on [info@biofinechemical.com](mailto:info@biofinechemical.com) or call on  
**+91-7404210730** Website- [www.biofinechemical.com](http://www.biofinechemical.com)