



# BIO-CHEM CHEMICALS

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## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>ISO-BUTANOL 98.5% FOR SYNTHESIS</b>
<b>Cas No.</b>	<b>78-83-1</b>
<b>Code No.</b>	<b>B-00554</b>
<b>Batch No.</b>	<b>BC11241022</b>
<b>Mfg.Date</b>	<b>NOV-2024</b>
<b>Date of Analysis</b>	<b>28/11/2024</b>
<b>Retest Date</b>	<b>DEC-2029</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
<b>Appearance</b>	A clear colorless liquid	Clear colorless liquid
<b>Purity (by GC)</b>	Min 98.5 %	99.96 %
<b>Water (H<sub>2</sub>O)</b>	Max 0.2 %	0.10 %
<b>Density (d<sub>20°C/4°C</sub>)</b>	0.801 - 0.802	0.801
<b>Free acid (as C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>)</b>	Max 0.005 %	0.0019 %
<b>Is butyraldehyde</b>	Max 0.03%	Not Detected
<b>Acetone (CH<sub>3</sub>.CO.CH<sub>3</sub>)</b>	Max 0.02%	Not detected

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)