



# BIO-CHEM CHEMICALS

Office Address: 5455, Nicholson Road Science Market , Ambala Cantt.133001 Haryana(India) ,  
Contact no: +91-8295241953, +91-7404210730

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>ETHYLENE GLYCOL (ETHANEDIOL) 99.5%AR</b>
<b>Cas No.</b>	<b>107-21-1</b>
<b>Code No.</b>	<b>B-01174</b>
<b>Batch No.</b>	<b>BC/1124/19-11</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 very hygroscopic syrupy liquid	A clear very hygroscopic syrupy liquid
<b>Assay</b>	Min 99.5 %	99.62 %
<b>Weight/ mL at 20°C</b>	1.113 - 1.115 g/ml	1.14 g/ml
<b>Chloride (Cl)</b>	Max 0.0002 %	Less than 0.00002%
<b>Iron (Fe)</b>	Max 0.0001%	Less than 0.0001%
<b>Formaldehyde (HCHO)</b>	Max 0.005%	Less than 0.005%
<b>Melting point</b>	-14 to -10°C	-12°C
<b>Sulphated ash</b>	Max 0.005%	0.0035%
<b>Chloride (Cl)</b>	Max 0.00002%	Less than 0.00002%
<b>Iron (Fe)</b>	Max 0.0001%	Less than 0.0001%
<b>Water (H<sub>2</sub>O)</b>	Max 0.1%	0.05%
<b>Substance reducing KMnO<sub>4</sub> (as O)</b>	Max 0.0003%	Less than 0.0003%

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)