



# BIO-CHEM CHEMICALS

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## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>ETHYLENEDIAMINE 98% FOR SYNTHESIS</b>
<b>Cas No.</b>	<b>107-15-3</b>
<b>Code No.</b>	<b>B-01160</b>
<b>Batch No.</b>	<b>BC11242236</b>
<b>Mfg.Date</b>	<b>NOV-2024</b>
<b>Date of Analysis</b>	<b>19/11/2024</b>
<b>Retest Date</b>	<b>DEC-2029</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	Clear, colourless or slightly yellow hygroscopic liquid, fuming in air	Clear, colourless or slightly yellow hygroscopic liquid, fuming in air
Assay	98 - 101%	98.03%
Density (d <sub>20°C/4°C</sub> )	0.895 - 0.905	0.895
Boiling Point	116 - 118°C	116.5 °C
Carbonate	Passes test	Passes test
Chloride (Cl)	Max 0.01%	0.08%
Ammonia and other bases	Passes test	Passes test
Iron (Fe)	Max 0.001%	0.000001%
Heavy metal (as Pb)	Max 0.001%	0.000016%
Residue on evaporation	Max 0.3%	0.03%

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)