



## Certificate of Analysis

### ETHYLENE GLYCOL 99.9% HP

<b>Catalog Number:</b>	<b>CP-E7775</b>	<b>High Purity, Reagent &gt;99.9%</b>
<b>CAS Number:</b>	107-21-1	<b>Lot Number: C18105</b>
<b>Synonym(s):</b>	1,2-Ethanediol, Glycol, Ethylene Alcohol, Hypodicarbonous acid	
	Monoethylene glycol, 1,2-Dihydroxyethane	
<b>Molecular Formula:</b>	C <sub>2</sub> H <sub>6</sub> O <sub>2</sub>	<b>Molecular Weight:</b> 62.07
<b>Manufacture Date:</b>	10/29/2018	<b>Retest Period:</b> 10/29/2023

Test	Specification	Result
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Assay (Monoethylene Glycol, wt%)	99.9% min	99.9%
Diethylene Glycol, wt%	0.05% max	0.04%
Water (H <sub>2</sub> O)	< 0.05%	0.03%
Residue After Ignition	< 0.005%	0.000%
Iron (Fe)	0.10 ppm max	< 0.1 ppm
Total Chlorides	0.2 ppm max	0.00 ppm
Color (APHA)	< 10	5
Acidity (as Acetic Acid), wt%	0.003% max	0.000%
Appearance (liquid)	Clear, Viscous	Pass

#### Certification and Compliance Statement

This lot of Ethylene Glycol complies with all of the above mentioned specifications. Certain test data has been supplied by third parties.

This product is not derived, nor does it come in contact with, any materials derived from bovine or other animal sources.

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended to be used in drug manufacturing nor as a medical device or disinfectant.

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*It is certified that the above copy is a true copy of the actual lot analysis from the manufacturer.*

Vyto Mekesa, QC Director

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