

**CERTIFICATE OF ANALYSIS**

Glacial Acetic Acid

Mol. Formula	C <sub>2</sub> H <sub>4</sub> O <sub>2</sub>
Mol. Wt.	60.1 g/mol
CAS No.	64-19-7

<b><i>Test</i></b>	<b><i>Result</i></b>	<b><i>Specification</i></b>
Description	Clear, colorless, volatile liquid.	It occurs as a crystalline mass or clear, colorless, volatile liquid.
Identification Test A Test B	Complies Complies	A. The solution is strongly acid B. It gives reaction of acetates.
Solubility	Complies	Miscible with water, with ethanol (96%) and with methylene chloride.
Appearance	Complies	The substance is clear and colorless.
Freezing Point	Complies	Not less than 14.8°C.
Reducing substances	Complies	Specified test. The color remains pink.
Chlorides	Complies	Not more than 25 mg/L
Sulphates	Complies	Not more than 50mg/L
Iron	Complies	Not more than 5 ppm
Residue on evaporation	Complies	Not more than 0.01%
Assay	99.62%	Not less than 99.0% and not more than 100.5 %

Remark: The material complies as per above specification.