

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	02028
<b>Lot Number</b>	002315-1521
<b>Product</b>	<b>Acetic acid, glacial</b>

<b>CAS Number</b>	64-19-7
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<b>Molecular Formula</b>	C <sub>2</sub> H <sub>4</sub> O <sub>2</sub>
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<b>Molecular Weight</b>	60.05
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<b>Appearance</b>	Colorless liquid
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<b>Color (APHA)</b>	4
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<b>Freezing Point</b>	16 °C (Approx.)
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<b>Boiling point</b>	118 °C (Approx.)
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<b>Heavy Metals</b>	< 0.5 ppm (as Pb)
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<b>Anion</b>	Chloride (Cl <sup>-</sup> ): < 1 ppm Sulfate (SO <sub>4</sub> <sup>2-</sup> ): < 1 ppm
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<b>Cation</b>	Iron (Fe): < 0.1 ppm
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<b>Dilution Test</b>	Passes test
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<b>Related Substances</b>	Acetic anhydride: < 0.01%
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<b>Titration</b>	< 0.0004 meq/g (free base)
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<b>Purity by GC</b>	99.96%
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<b>Grade</b>	ACS reagent
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<b>Application</b>	It is used in aqueous and non-aqueous acid-base titrations.
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<b>Storage</b>	Store at RT
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<b>Additional Information</b>	Residue after evaporation: < 0.001% Substances reducing dichromate: Passes test Substances reducing permanganate: Passes test
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**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**