

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	30173
<b>Lot Number</b>	001956-00609
<b>Product</b>	<b>Acetic acid, glacial</b>
<b>CAS Number</b>	64-19-7
<b>Molecular Formula</b>	C <sub>2</sub> H <sub>4</sub> O <sub>2</sub>
<b>Molecular Weight</b>	60.05

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<b>Appearance</b>	Clear and free
<b>Color (Pt-Co)</b>	2.9
<b>Freezing Point</b>	16.50 °C
<b>Specific Gravity</b>	1.051 at 20 °C
<b>Refractive Index</b>	Formic Acid : 0.023% Aldehydes : < 0.001% Propionic acid : 233.6 ppm
<b>Heavy Metals</b>	< 0.5 ppm
<b>Anion</b>	Chloride (Cl <sup>-</sup> ) : < 1 ppm Sulfates (SO <sub>4</sub> ) : < 1 ppm
<b>Cation</b>	Iron (Fe) : < 0.10 ppm
<b>Water Content (Karl Fisher)</b>	0.073%
<b>Non-Volatile Matter</b>	< 10 ppm
<b>Purity by GC</b>	99.96%
<b>Grade</b>	FCC
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Permanganate Time : > 2h Distillation range : 0.8 °C
<b>Country of Origin</b>	USA

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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**