

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	02107
<b>Lot Number</b>	000347-22207068
<b>Product</b>	<b>Citric acid, anhydrous</b>  2-Hydroxypropane-1,2,3-tricarboxylic acid
<b>CAS Number</b>	77-92-9
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>
<b>Molecular Weight</b>	192.12

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<b>Appearance</b>	White crystalline powder
<b>Clarity &amp; Color</b>	Conforms
<b>Heavy Metals</b>	< 1 ppm
<b>Arsenic (As<sub>2</sub>O<sub>2</sub>)</b>	< 0.1 ppm
<b>Anion</b>	Sulfate (SO <sub>4</sub> <sup>2-</sup> ): < 150 ppm Oxalate: < 50 ppm
<b>Cation</b>	Lead (Pb): < 0.5 ppm Calcium (Ca): < 10 ppm Barium (Ba): Conforms
<b>Water Content (Karl Fisher)</b>	0.10%
<b>Mesh Size</b>	30 US Mesh = < 1%, 100 US Mesh = < 5%
<b>Organic Volatile Impurities</b>	Conforms
<b>Readily Carbonizable Substance</b>	Conforms
<b>Residue On Ignition</b>	< 0.03%
<b>Assay by titration</b>	99.94%
<b>Grade</b>	USP
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identification: 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**