

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	29829
<b>Lot Number</b>	002251-02916
<b>Product</b>	<b>Sodium citrate tribasic dihydrate</b>
<b>CAS Number</b>	6132-04-3
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>5</sub> O <sub>7</sub> Na <sub>3</sub> •2H <sub>2</sub> O
<b>Molecular Weight</b>	294.1

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	> 300 °C
<b>Heavy Metals</b>	< 5 ppm (as Pb)
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): < 0.003% Sulfate (SO <sub>4</sub> <sup>2-</sup> ): < 0.005%
<b>Cation</b>	Ammonium (NH <sub>4</sub> ): < 0.003% Iron (Fe): < 5.0 ppm Calcium (Ca): 0.0024%
<b>Water Content (Karl Fisher)</b>	12.42%
<b>pH</b>	8.20 (5% solution at 25 °C)
<b>Alkalinity</b>	Passes test
<b>Insoluble material</b>	0.003%
<b>Assay</b>	99.79% (Anhydrous basis)
<b>Grade</b>	ACS/USP/FCC reagent
<b>Application</b>	Sodium citrate is chiefly used as a food additive, usually for flavor or as a preservative.
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identification: Passes test Tartrate: 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**