

# Chem-Impex International, Inc.

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## Certificate of Analysis

<b>Catalogue Number</b>	34997
<b>Lot Number</b>	002344-90907
<b>Product</b>	<b>Triethyl citrate</b> Citric acid triethyl ester Ethyl citrate
<b>CAS Number</b>	77-93-0
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>20</sub> O <sub>7</sub>
<b>Molecular Weight</b>	276.28

---

<b>Appearance</b>	Colorless to pale yellow liquid
<b>Odor</b>	Faint wine, plum odor
<b>Flash Point</b>	> 93 °C
<b>Specific Gravity</b>	1.1384 at 25 °C
<b>Refractive Index</b>	n <sub>20</sub> /D 1.4427
<b>Water Content (Karl Fisher)</b>	0.14%
<b>Purity by GC</b>	99.82%
<b>GCMS</b>	Conforms to standard
<b>Grade</b>	Natural, FG, KOSHER, FEMA 3083
<b>Storage</b>	Store at RT
<b>Remarks</b>	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