

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	36991
<b>Lot Number</b>	000514-22013144
<b>Product</b>	<b>Calcium citrate tetrahydrate, Ultra pure, USP,</b> Tricalcium dicitrate tetrahydrate
<b>CAS Number</b>	5785-44-4
<b>Molecular Formula</b>	Ca <sub>3</sub> (C <sub>6</sub> H <sub>5</sub> O <sub>7</sub> ) <sub>2</sub> •4H <sub>2</sub> O
<b>Molecular Weight</b>	570.5

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<b>Appearance</b>	Fine, white granules or white solid
<b>Bulk density</b>	0.79 g/mL (3 Tapped)
<b>Heavy Metals</b>	0.09 ppm
<b>Anion</b>	Fluoride (F) : 0.0017%
<b>Cation</b>	Lead (Pb) : 0.02 ppm Arsenic (As) : 0.05 ppm Cadmium (Cd) : 0.05 ppm Mercury (Hg) : < 0.1 ppm
<b>Yeast and Mold</b>	< 100 cfu/g
<b>Insoluble</b>	0.004% (in Acid)
<b>Loss on Drying</b>	10.7%
<b>Residual Solvents</b>	Passes test
<b>Coliform Organisms</b>	Negative
<b>Microbial Count</b>	< 1000 cfu/g (APC)
<b>Mesh Size</b>	Mesh Through 16 : 100% Mesh Through 100 : 14.8%
<b>Assay</b>	99.1% (on dried basis)
<b>Grade</b>	Meets USP specification
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identification : Test for A : Passes test Test for B : Passes test

# *Certificate of Analysis*

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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**