

# 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>	30163
<b>Product</b>	<b>Calcium nitrate tetrahydrate</b>
<b>Lot Number</b>	002251-03416 Calcium (II) nitrate, hydrous
<b>CAS Number</b>	13477-34-4
<b>Molecular Formula</b>	Ca(NO <sub>3</sub> ) <sub>2</sub> •4H <sub>2</sub> O
<b>Molecular Weight</b>	236.15

---

<b>Appearance</b>	Colorless, hygroscopic solid
<b>Heavy Metals</b>	< 5 ppm
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): < 0.005% Sulfate (SO <sub>4</sub> <sup>2-</sup> ): < 0.002% Nitrite (NO <sub>2</sub> <sup>-</sup> ): < 0.001%
<b>Cation</b>	Barium (Ba): < 0.005% Iron (Fe): < 5 ppm Magnesium: 0.012% Potassium (K): 0.002% Sodium (Na): 0.0006% Strontium (Sr): 0.0012%
<b>pH</b>	6.02 (5% solution at 25 °C)
<b>Insoluble material</b>	0.003%
<b>Assay</b>	99.31%
<b>Storage</b>	Store at RT

# *Certificate of Analysis*

Catalog Number: 30163

Lot Number: 002251-03416

---

**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**