

# *Chem-Impex International, Inc.*

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**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

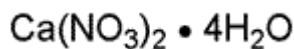
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*



<b>Catalogue Number</b>	30163
<b>Product</b>	<b>Calcium nitrate tetrahydrate</b> Calcium (II) nitrate, hydrous
<b>CAS Number</b>	13477-34-4
<b>Molecular Formula</b>	$\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$
<b>Molecular Weight</b>	236.15

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<b>Appearance</b>	Colorless, hygroscopic crystals
<b>Heavy Metals</b>	$\leq 5$ ppm
<b>Anion</b>	Chloride ( $\text{Cl}^-$ ): $\leq 0.005\%$ Sulfate ( $\text{SO}_4^{2-}$ ): $\leq 0.002\%$ Nitrite ( $\text{NO}_2^-$ ): $\leq 0.001\%$
<b>Cation</b>	Barium (Ba): $\leq 0.005\%$ Iron (Fe): $\leq 5$ ppm Magnesium: $\leq 0.05\%$ Potassium (K): $\leq 0.005\%$ Sodium (Na): $\leq 0.01\%$ Strontium (Sr): $\leq 0.05\%$
<b>pH</b>	5 - 7
<b>Insoluble material</b>	$\leq 0.005\%$
<b>Assay by titration</b>	99 - 103%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**