

# *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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## *Certificate of Analysis*

<b>Catalogue Number</b>	01228
<b>Lot Number</b>	000023-40824
<b>Product</b>	<b>Calcium chloride dihydrate</b>
<b>CAS Number</b>	10035-04-8
<b>Molecular Formula</b>	CaCl <sub>2</sub> •2H <sub>2</sub> O
<b>Molecular Weight</b>	147

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	326 g in 100 mL water at 60 °C
<b>Heavy Metals</b>	<5 ppm (as Pb)
<b>Anion</b>	Sulfate (SO <sub>4</sub> <sup>2-</sup> ): < 0.01%
<b>Cation</b>	Ammonium (NH <sub>4</sub> ): < 0.005% Barium (Ba): < 0.005% Iron (Fe): < 0.0005% Magnesium (Mg): < 0.005% Potassium (K): < 0.01% Sodium (Na): < 0.02% Strontium (Sr): < 0.1%
<b>pH</b>	4.5 (5% solution at 25 °C)
<b>Oxidizable Substances</b>	< 0.003% (as NO <sub>3</sub> )
<b>Insoluble material</b>	< 0.01%
<b>Assay by titration</b>	101.4%
<b>Grade</b>	ACS reagent
<b>Application</b>	Preparation of calcium standard solutions; electrolyte.
<b>Storage</b>	Store at RT

# *Certificate of Analysis*

Catalog Number: 01228

Lot Number: 000023-40824

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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**