

# *Chem-Impex International, Inc.*

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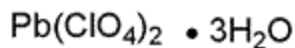
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*



<b>Catalogue Number</b>	30303
<b>Product</b>	<b>Lead(II) perchlorate trihydrate</b>
<b>CAS Number</b>	13453-62-8
<b>Molecular Formula</b>	$\text{Pb}(\text{ClO}_4)_2 \cdot 3\text{H}_2\text{O}$
<b>Molecular Weight</b>	460.14

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<b>Warnings</b>	<i>Hygroscopic</i>
<b>Appearance</b>	White crystals
<b>Solubility</b>	Very soluble in water.
<b>Melting Point</b>	88 °C (Approx.)
<b>Density</b>	2.6
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): ≤ 0.01%
<b>Cation</b>	Iron (Fe): ≤ 0.001%
<b>pH</b>	3.0-5.0 (5% aqueous solution @ 25 °C)
<b>Insoluble material</b>	≤ 0.005%
<b>Assay by titration</b>	97.0-102.0%
<b>Grade</b>	ACS reagent
<b>Application</b>	Titrant in complexometric titrations.
<b>Storage</b>	Store at RT

**For Laboratory Use Only**