

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	30303
<b>Lot Number</b>	002154-2016-047
<b>Product</b>	<b>Lead(II) perchlorate trihydrate</b>
<b>CAS Number</b>	13453-62-8
<b>Molecular Formula</b>	Pb(ClO <sub>4</sub> ) <sub>2</sub> •3H <sub>2</sub> O
<b>Molecular Weight</b>	460.14

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<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> ): 0.001%
<b>Cation</b>	Iron (Fe): 0.0002%
<b>pH</b>	4.86 (5% aqueous solution @ 25 °C)
<b>Insoluble material</b>	0.004%
<b>Assay by titration</b>	100.58%
<b>Grade</b>	ACS reagent
<b>Application</b>	Titrant in complexometric titrations.
<b>Storage</b>	Store at RT
<b>Remarks</b>	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