

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	30121
<b>Lot Number</b>	002154-2016-038
<b>Product</b>	<b>Lithium perchlorate anhydrous</b>
<b>CAS Number</b>	7791-03-9
<b>Molecular Formula</b>	LiClO <sub>4</sub>
<b>Molecular Weight</b>	106.39

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<b>Appearance</b>	White crystals
<b>Melting Point</b>	236 °C (Approx.)
<b>Heavy Metals</b>	0.4 ppm (as Pb)
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): 0.0025% Sulfate (SO <sub>4</sub> <sup>2-</sup> ): < 0.001%
<b>Cation</b>	Iron (Fe): 1.38 ppm
<b>pH</b>	6.9 (5% solution at 25.0 °C )
<b>Insoluble material</b>	0.0027%
<b>Assay by titration</b>	97.22%
<b>Grade</b>	ACS reagent
<b>Application</b>	Used as an oxidizing agent.
<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