

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

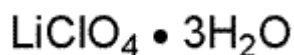
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	30216
Product	Lithium perchlorate trihydrate
CAS Number	13453-78-6
Molecular Formula	$\text{LiClO}_4 \cdot 3\text{H}_2\text{O}$
Molecular Weight	160.45

Appearance	White powder
Melting Point	236 °C (Approx.)
Heavy Metals	≤ 5 ppm (as Pb)
Anion	Chloride (Cl ⁻): ≤ 0.003% Sulfate (SO ₄ ²⁻): ≤ 0.001%
Cation	Iron (Fe): ≤ 5 ppm
pH	6.0-7.5 (5% solution at 25.0 °C)
Insoluble material	≤ 0.005%
Assay by titration	63.0-68.0%
Grade	ACS reagent
Application	It is used as an oxidizing agent.
Storage	Store at RT

For Laboratory Use Only