

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	30216
Lot Number	002154-2016-165
Product	Lithium perchlorate trihydrate
CAS Number	13453-78-6
Molecular Formula	LiClO ₄ •3H ₂ O
Molecular Weight	160.45

Appearance	White powder
Melting Point	236 °C (Approx.)
Heavy Metals	2.69 ppm (as Pb)
Anion	Chloride (Cl ⁻): 0.001% Sulfate (SO ₄ ²⁻): < 0.001%
Cation	Iron (Fe): 2.42 ppm
pH	6.11 (5% solution at 25.0 °C)
Insoluble material	0.0028%
Assay by titration	67.03%
Grade	ACS reagent
Application	It is used as an oxidizing agent.
Storage	Store at RT
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