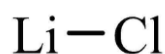


## Product Information

# LITHIUM CHLORIDE ANHYDOUS 99 % AR

Lithium monochloride, Lithium (I) chloride



<b>Product Code</b>	O-5243	<b>Grade</b>	Analytical Reagent
<b>Purity</b>	99%	<b>CAS No</b>	7447-41-8
<b>Molecular Formula</b>	LiCl	<b>Molecular Weight</b>	43.39 g/mol
<b>H.S.Code</b>	2927.3990	<b>Shelf Life</b>	60 Months

## Physical Properties

<b>Physical state</b>	Crystalline	<b>Melting Point</b>	605 °C
<b>Colour</b>	Colourless	<b>Solubility in water</b>	569 g/l at 20 °C
<b>pH</b>	6 at 50 g/l at 20 °C	<b>Density</b>	2,07 g/cm <sup>3</sup> at 20 °C
<b>Boiling point</b>	1.360 °C at 1.013 hPa	<b>Vapour prssure</b>	1,33 hPa at 547 °C

## Packaging

100 g

## Specification

Appearance	White hygroscopic crystalline powder
Assay	min 99.0 %
Insoluble matter	max 0.01 %
Loss on drying (at 105 °C)	max 1 %
Titration base	max 0.008 meq/g
Barium (Ba)	max 0.003 %
Calcium (Ca)	max 0.01 %
Heavy metals (as Pb)	max 0.002 %
Iron (Fe)	max 0.001 %
Nitrate (NO <sub>3</sub> )	max 0.001 %
Potassium (K)	max 0.01 %
Sodium (Na)	max 0.2 %
Sulphate (SO <sub>4</sub> )	max 0.01 %

## Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: Warning

UN No.: not applicable

IMCO Class No.: not applicable

Packing Group: not applicable

Hazardous Statement: H302-H315-H319

Precaution Statement: P264-PP280-P301+P312-P302+P352-P305+P351+P338-P332+P313

Labotiq