



Specification

Concerning Product:	
Article number	7447418QQP
Trade name / designation / denomination	LITHIUM CHLORIDE ANHYDROUS QP
CAS number	7447-41-8
Other names / synonyms	•lithium chloride;
EC number	231-212-3
Customs tariff number / CN code / TARIC	28273985
Molecular weight [g / mol]	42,39
Formula	LiCl CLi
Warning	
Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Avoid breathing dust/fume/gas/mist/vapours/spray. IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. Wash with plenty of soap and water.	

Parameter	Specification	Unit
Physical parameter		
Substances insoluble	H ₂ O: ≤ 0,05	%
pH value	(5% @ 25°C) 5,0 – 9,0	
Identity		
Assay	≤ 98,0	%
Impurities		
Heavy Metals (as Pb)	≤ 0,005	ppm
Sulphates (SO ₄)	≤ 0,01	%
Elemental Impurities		
Iron (Fe)	≤ 0,005	ppm
Potassium (K)	≤ 0,03	ppm
Magnesium (Mg)	≤ 0,01	%
Sodium (Na)	≤ 0,35	%

Supplemental information:

Shelf life: 5 years

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 18. Sep. 2019

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