

Version 00

Molecular weight 41.95

Quality Test / Release Date 02/25/2019

Molecular Formula H Li O . H2 O

CAS No 1310-66-3

Linear Formula LiOH.H2O

## Certificate of Analysis

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

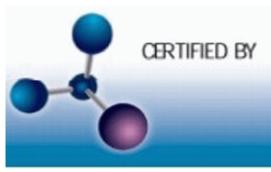
Flash Point (°C)

Catalog Number	19954	Quality Test / Release Date 02/25/2019	
Lot Number	A0405925		
Description	Lithium hydroxide monohydrate,extra pure,ca. 56% LiOH		
Country of Origin	CHILI		
Declaration of Origin	synthetic		

## **BSE/TSE** comment

## Chemical Comment

Result name	Units	Specifications	Test Value
Appearance (Color)		White to cream to yellow	White
Appearance (Form)		Crystalline powder	Crystalline powder
Titration with HCI		>=54 % (LiOH)	57.3 % (LiOH)
Insoluble matter		=<0.1 % (in water)	=<0.008 % (in water)
Sodium + Potassium (Na+K	)	=<3000 ppm	129 ppm
Carbon dioxide (CO2)		=<3500 ppm	2300 ppm
Aluminium (Al)		=<300 ppm	15 ppm
Iron (Fe)		=<10 ppm	1.4 ppm
Chloride (CI)		=<500 ppm	100 ppm
Sulfate (SO4)		=<500 ppm	300 ppm



L. Van den Broek, QA Manager

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