

**Li<sub>2</sub>CO<sub>3</sub>****LITHIUM CARBONATE**

Battery Grade

**PRODUCT**Chemical Formula: Li<sub>2</sub>CO<sub>3</sub>

CAS No. 554-13-2

**PRODUCT DESCRIPTION**

Lithium Carbonate Battery Grade is a high purity 99.5% fine white powder material recommended for use in Li-ion battery precursors to portable electronics applications. Average particle granularity of < 6 microns.

**APPLICATIONS**

Lithium Carbonate is primarily used as a precursor to lithium-ion battery production. It also has a wide variety of industrial uses including in high alumina cement systems, in pharmaceuticals and in specialty glass, glazes and frits.

## PRODUCT SPECIFICATIONS

Physical Properties	Limits
Li <sub>2</sub> CO <sub>3</sub> , %	≥99.5
Na, %	≤0.025
Mg, %	≤0.008
Ca, %	≤0.005
K, %	≤0.001
Fe, %	≤0.001
Zn, %	≤0.0003
Cu, %	≤0.0003
Pb, %	≤0.0003
Si, %	≤0.003
Al, %	≤0.001
Mn, %	≤0.0003
Ni, %	≤0.001
SO <sub>4</sub> <sup>2-</sup> , %	≤0.08
Cl, %	≤0.003
Moisture, %	≤0.25
Particle size, d <sub>50</sub>	3μm - 8μm

ORDERS and  
TECHNICAL SUPPORT

Lithium Salts of America  
is Division of ASG Chemie

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## PACKAGING

Available in 25kg bags and 1000kg super sacks.

## TOXICITY/SAFETY DATA HANDLING / STORAGE / DISPOSAL

Information on toxicity, safety, handling, storage and disposal is contained in the Safety Data Sheet (SDS) for this product.

## SHELF LIFE AND STORAGE

Product should be stored in a dry place away from direct sunlight and humidity in sealed, original packaging. Product is guaranteed for 2 years from manufacture date.

**LIMITED WARRANTY INFORMATION.****PLEASE READ CAREFULLY.**

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For more information or answers to questions about the use in specific applications, contact your Technical Sales Representative or call Toll Free 1.833.LITHUSA (1-833-548-4872).

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