

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Lithium carbonate**  
Specifications & Purity: battery grade,  $\geq 99.5\%$   
SKU #: **L1455823**

Parameter	Limit Values
Purity(Li <sub>2</sub> CO <sub>3</sub> )	$\geq 99.5$ (%)
Particle Size (d10)	$\geq 1$ ( $\mu\text{m}$ )
Particle size(D50)	3-8 ( $\mu\text{m}$ )
Particle size(D90)	9-15 ( $\mu\text{m}$ )
Dmax	$\leq 40$ ( $\mu\text{m}$ )
Nickel(Ni)	0-0.0005 (%)
Copper(Cu)	0-0.0003 (%)
Iron(Fe)	0-0.001 (%)
Manganese(Mn)	0-0.0003 (%)
Calcium(Ca)	0-0.005 (%)
Magnesium(Mg)	0-0.005 (%)
Lead (Pb)	0-0.0003 (%)
Zinc(Zn)	0-0.0003 (%)
Sodium(Na)	0-0.02 (%)
Aluminum(Al)	0-0.001 (%)
Chloride (Cl <sup>-</sup> )	0-0.005 (%)
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.07 (%)
Fluoride (F <sup>-</sup> )	0-0.015 (%)
Potassium(K)	0-0.005 (%)
Boron(B)	$\leq 0.003$ (%)
Silicon(Si)	$\leq 0.003$ (%)
Water by Karl Fischer	0-0.25 (%)
loss on Ignition	0-0.5 (%)
Magnetism	0-300 (ppb)