

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Lithium carbonate, reagent grade, 99.0%

ITEM NUMBER: L101679
BRAND: Aladdin
CAS NUMBER: 554-13-2
MDL NUMBER: MFCD00011084
FORMULA: Li₂CO₃
MOLECULAR WEIGHT: 73.89

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	white powder		
Ca	0 ppm	300 ppm	300 ppm
Chloride(Cl)	0 ppm	200 ppm	200 ppm
Fe	0 ppm	30 ppm	30 ppm
Heavy metals (as Pb)	0 %	0.003 %	0.003 %
ICP: Confirms Lithium Component	Confirmed		
K:	0 ppm	300 ppm	300 ppm
Mg	0 ppm	100 ppm	100 ppm
Na	0 ppm	1000 ppm	1000 ppm
Purity(neutralization titration)	99 %	101 %	101 %
sulfate (SO ₄ ²⁻)	0 ppm	3000 ppm	3000 ppm
X-Ray Diffraction	Conforms to Structure		