

4140 – LITHIUM CARBONATE

REF NO: TBL/QA/SS/LC/4140	STANDARD SPECIFICATION FOR LITHIUM CARBONATE	Rev. No: 03
Issue No: 04		Review Date: 14/11/2024
Issue Date:15/11/2021		Product code:4140

PRODUCT PROPERTIES

C.A.S Number	554-13-2
Chemical Formula	Li ₂ CO ₃
Formula weight	73.89
Functional Uses	Lithium carbonate may be used as a lithium source in the synthesis of lithium titanate, a potential anode material for lithium-ion battery.
Standard Packaging	100gm. & 500gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color fine powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Iron (Fe)	NMT- 0.001%
Sulphate (So ₄)	NMT - 0.1%
Lead (Pb)	NMT - 0.001%
Chloride (Cl)	NMT – 0.001%
Assay	NLT - 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

