

Product Data Sheet

Product Name: Lithium Carbonate Technical Crystals

Product Code: 4217
Specification Ref: 4217DS11
CAS: 554-13-2
EC: 209-062-5

Formula: Li_2CO_3
Physical: White crystalline powder

Chemical:	Typical (wt%)	Guaranteed (wt%)
Lithium Carbonate (Li_2CO_3)	99.2%	99.0 min
Chloride (Cl)	0.04	0.05max
Sulphate (SO_4)	0.05	0.08 max
Calcium (Ca)	0.08	0.12 max
Iron III oxide (Fe_2O_3)	0.0007	0.002 max
Sodium Na	0.08	0.12 max
Potassium (K)	0.01	0.05 max
Water (H_2O)	0.15	0.2 max
LOI	0.4	0.7 max
Insolubles	0.01	0.03 max

Physical Properties:

+ 850 microns	1.5 % max
+ 75 microns	40 % min
Tap Density	>0.88 g/cm ³

Packaging: Standard packs available: 20kg sacks on pallets of 800kg.

Hazards: Harmful by ingestion, inhalation and contact with eyes and skin. Please request the MSDS for this product.

Handling and Storage: Avoid contact with eyes, skin and clothing. Wear safety glasses and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep containers closed.