

Unit 13-15 Sherrington Way, Lister Road Industrial Estate t +44 (0) 1256 810393 e sales@levertonlithium.com Basingstoke, Hampshire, RG22 4DQ United Kingdom f +44 (0) 1256 479324 w www.levertonlithium.com

Product Data Sheet

Product Code: 4217 Specification Ref: 4217DS11

Product Name: Lithium Carbonate Technical Crystals

Specification Ref:			
CAS: EC:			
_			
Formula:	Li ₂ CO ₃		
Physical:	White crystalline powder		
Chemical:		Typical (wt%)	Guaranteed (wt%)
	Lithium Carbonate (Li ₂ CO ₃)	99.2%	99.0 min
	Chloride (CI)	0.04	0.05max
	Sulphate (SO ₄)	0.05	0.08 max
	Calcium (Ca)	0.08	0.12 max
	Iron III oxide (Fe ₂ O ₃)	0.0007	0.002 max
	Sodium Na	0.08	0.12 max
	Potassium (K)	0.01	0.05 max
	Water (H ₂ O)	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/cm3	
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.

This data sheet is provided in good faith. No performance or any other warranty of any kind is given. All supplies and services are made solely in accordance with our conditions of sale. It is the responsibility of the purchaser to ensure that use does not infringe any patent.