

## Product Data Sheet

**Product Name:** Lithium Carbonate Technical Crystals

**Product Code:** 4217  
**Specification Ref:** 4217DS14  
**CAS:** 554-13-2  
**EC:** 209-062-5

**Formula:**  $\text{Li}_2\text{CO}_3$   
**Physical:** White crystalline powder

<b>Chemical:</b>	<b>Typical (wt%)</b>	<b>Guaranteed (wt%)</b>
Lithium Carbonate ( $\text{Li}_2\text{CO}_3$ )	99.2%	99.0 min
Chloride (Cl)	0.04	0.05 max
Sulphate ( $\text{SO}_4$ )	0.05	0.08 max
Calcium (Ca)	0.08	0.12 max
Iron III oxide ( $\text{Fe}_2\text{O}_3$ )	0.0007	0.002 max
Sodium (Na)	0.08	0.12 max
Potassium (K)	0.01	0.05 max
Water ( $\text{H}_2\text{O}$ )	0.15	0.5 max
Insolubles	0.01	0.03 max

**Physical:**  
Visual White Powder

**Packaging:** Standard packs available: 20Kg Net sacks and 500Kg big bags. Other packs available on request.

**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.