

## Product Data Sheet

**Product Name:** Lithium Carbonate ACS

**Product Code:** 4237

**Specification Ref:** 4237DS03

**CAS:** 554-13-2

**EC:** 209-062-5

**Formula:** Li<sub>2</sub>CO<sub>3</sub>

**Physical:** White powder

<b>Chemical:</b>	<b>Typical (wt%)</b>	<b>Guaranteed (wt%)</b>
Lithium Carbonate (Li <sub>2</sub> CO <sub>3</sub> )	99.3	99.0 min
Chloride (Cl)	0.001	0.005 max
Sulphate (SO <sub>4</sub> )	0.001	0.2 max
Calcium (Ca)	0.002	0.01 max
Iron (Fe)	0.0001	0.002 max
NH <sub>4</sub>	0.0001	0.0005 max
NO <sub>3</sub>	0.0001	0.0005 max
Sodium (Na)	0.001	0.1 max
Acid Insolubles	0.002	0.01 max
Potassium (K)	0.0003	0.01 max
Heavy Metals (as Pb)	< 0.002	0.002 max

**Physical:**

Typical bulk density g/cm <sup>3</sup>	0.65
Water solubility @ 20°C wt%	1.3

**Packaging:** Standard packs available: 20Kg Net sacks. 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.