

## Product Data Sheet

**Product Name:** Lithium Carbonate Battery Grade 99.5%

**Product Code:** 4236

**Specification Ref:** 4236DS09

**CAS:** 554-13-2

**EC:** 209-062-5

**Formula:**  $\text{Li}_2\text{CO}_3$

**Physical:** Fine white powder

**Chemical:**

	Typical	Guaranteed (wt%)
Lithium Carbonate ( $\text{Li}_2\text{CO}_3$ )	99.6	99.5 min
Aluminium (Al)	0.0004	0.001 max
Calcium (Ca)	0.008	0.01 max
Iron (Fe)	0.0002	0.001 max
Potassium (K)	0.001	0.002 max
Magnesium (Mg)	0.008	0.01 max
Sodium (Na)	0.04	0.05 max
Lead (Pb)	<0.0001	0.0005 max
Zinc (Zn)	<0.0001	0.0005 max
Chloride (Cl)	0.015	0.03 max
Sulphate ( $\text{SO}_4$ )	0.015	0.04 max
Water ( $\text{H}_2\text{O}$ )	0.4	0.5 max

**Physical Properties:**

D50	9 $\mu\text{m}$ max
D98	40 $\mu\text{m}$ max

**Packaging:** To customer requirements

**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.