

# Technical Data Sheet

LITHIUM HYDROXIDE ANHYDROUS
Formula: LiOH
Formula weight: 23.95
CAS NO.: 1310-65-2
Physical-chemical properties: White fine particles, spicy, strong alkaline, easy to absorb carbon dioxide and water in the air, soluble in water, slightly soluble in alcohol. Density 1.43g/cm <sup>3</sup> , melting point 462°C (863.6°F).
Appearance requirements: white powder, no mottling, no agglomeration, no inclusions.
Quality Standard: Q/TJTE 28-2007

Name		LITHIUM HYDROXIDE ANHYDROUS		
LiOH content (Min%)		99.0	99.5	99.9
Impurity Content (Max%)	( Na )	0.05	0.005	0.005
	( K )	0.05	0.003	0.005
	( Ca )	0.01	0.01	0.005
	( Fe )	0.005	0.003	0.002
	( Cl )	0.005	0.005	0.005
	( SO <sub>4</sub> )	0.05	0.003	0.01
	( CO <sub>2</sub> )	1.5	1.5	1.5
	( H <sub>2</sub> O )	0.5	0.5	0.5

We also produce fine powder lithium hydroxide anhydrous, technical data of which is the same as above.

Packing: By woven bag with vacuum sealed plastic bag, 20kg/bag or 25kg/bag.

By paper drum with vacuum sealed plastic bags, 20kg/drum.