

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 ³ , melting point 462°C (863.6°F).
Appearance requirements: white powder, no solid impurities from processing machines.
Quality Standard: Q/TJTE 28-2007

Component		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 ₄ ²⁻	0.05	0.003	0.01
	CO ₂	1.5	1.5	1.5
	H ₂ O	0.5	0.5	0.5
Packing: By woven bag with vacuum sealed plastic bag, 20kg/bag or 25kg/bag. By jumbo bag with vacuum sealed double layered PP bag, 500kg/bag.				