

Technical Data Sheet

96% LITHIUM HYDROXIDE MONOHYDRATE (High Purity)
Formula: $\text{LiOH} \cdot \text{H}_2\text{O}$
Formula weight: 41.96
CAS NO.: 1310-66-3
Physical-chemical properties: White small monoclinic crystal, spicy, strong alkaline, easy to absorb carbon dioxide and water in the air, soluble in water, slightly soluble in alcohol, density 2.41g/cm^3 , melting point 471°C (879.8°F).
Appearance: white crystal grain, free-flowing, no solid impurities from processing machines.
Quality Standard: GB/T 26008-2010

Component		LITHIUM HYDROXIDE MONOHYDRATE
LiOH·H ₂ O Content (Min%)		99.8% (LiOH 56.5%Min)
Impurity Content (Max%)	Na	0.001
	K	0.001
	Ca	0.001
	Mg	0.0005
	Fe	0.0005
	Al	0.0005
	Cu	0.001
	Pb	0.005
	Ni	0.0005
	Si	0.005
	Cl ⁻	0.001
	SO ₄ ²⁻	0.002
	CO ₃ ²⁻	0.35
	Insoluble matters in HCl	0.005
Packing: By woven bag with vacuum sealed plastic bag, 25kg/bag.		