

Technical Data Sheet

56.5% LITHIUM HYDROXIDE MONOHYDRATE (Industrial Grade)
Formula: LiOH·H ₂ 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 8766-2013

Name		LITHIUM HYDROXIDE MONOHYDRATE
LiOH Content (Min%)		56.5
Impurity Content (Max%)	Na+K	0.02
	Ca	0.025
	Fe	0.0015
	SO ₄ ²⁻	0.02
	CO ₃ ²⁻	0.7
	Cl ⁻	0.0015
	Insoluble matters in HCl	0.005
	Insoluble matters in water	0.01
Packing: By woven bag with vacuum sealed plastic bag, 25kg/bag, or 500kg/bag. By paper drum with vacuum sealed plastic bag, 25kg/drum.		