

## Lithium Hydroxide (LiOH)

<b>Product name:</b> Lithium Hydroxide	<b>CAS No.:</b> 1310-66-3
<b>Molecular formula:</b> LiOH·H <sub>2</sub> O	<b>Molecular weight:</b> 41.96 g/mol
<b>UN No.:</b> 2680	<b>Class:</b> 8
<b>Packing Group:</b> II	<b>Country of Origin:</b> China

### Technical Index

Items	Unit	Specification		
Content [LiOH·H <sub>2</sub> O]	% ≥	98.00	96.00	95.00
Iron [ Fe ]	% ≤	0.0008	0.0008	0.0008
Potassium [ K ]	≤%	0.003	0.003	0.005
Sodium [ Na ]	≤%	0.003	0.003	0.005
Calcium [ Ca ]	≤%	0.005	0.005	—
Copper [ Cu ]	≤%	0.005	0.005	—
Magnesium [ Mg ]	≤%	0.005	0.005	—
Manganese [ Mn ]	≤%	0.005	0.005	—
Silicon [ Si ]	≤%	0.005	0.005	—
CO <sub>3</sub> <sup>2-</sup>	≤%	0.700	1.00	1.00
Chloride [ Cl - ]	≤%	0.002	0.002	0.002
Sulfate [ SO <sub>4</sub> ]	≤%	0.001	0.001	0.001
Water insoluble	≤%	0.005	0.005	0.005
Appearance		White Crystal	White Crystal	White Crystal

### Applications:

It is mainly consumed in the production of cathode materials for lithium ion batteries. It is a key intermediates used for the production of other lithium compounds

**Packing:** Packed in 25kg/bag.