

## Lithium Hydroxide Monohydrate

Formula:  $\text{LiOH} \cdot \text{H}_2\text{O}$

Physical: White Crystals, Fine Powder

CAS#: 1310-66-3

Items		Control Value	Test Method
LiOH (Lithium Hydroxide)	%	56.5 Min	Volumetric Method
$\text{CO}_3^{2-}$	%	0.6 Max	
Na	%	0.03 Max	AAS
K	%	0.01 Max	
Ca (Calcium)	%	0.03 Max	
Fe (Iron)	%	0.002 Max	UV
Cl (Chloride)	%	0.02 Max	
$\text{SO}_4^{2-}$ (Sulphate)	%	0.04 Max	ICP
HCl (Insolubles)	%	0.01 Max	Gravimetric Method
$\text{H}_2\text{O}$ (Insolubles)	%	0.02 Max	
Particle Size	%	95% passing 20 Mesh	Sieve Method

### Packaging:

Standard packs available: 25kg Sacks on Pallets / 500kg Bulk Bags.

### Hazards:

Please request the SDS for this product. Following is a summary only.

Lithium Hydroxide is corrosive in solid and solution. It causes burns in contact with eyes, skin or ingestion, irritates the respiratory system, may cause coughing. On contact with eyes, flush with copious amounts of water and consult a doctor immediately.

### Handling and Storage:

It is recommended that lithium hydroxide is stored in a bunded area so that spillages are contained. Store away from acids, aluminium, zinc etc. Avoid generating lithium hydroxide dust or vapour. If this is unavoidable, use local exhaust ventilation.

### Disclaimer:

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