

Technical Data Sheet

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| 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, no mottling, no agglomeration, no inclusions. |
| Quality Standard: GB/T8766-2002 |

| Name | | LITHIUM HYDROXIDE MONOHYDRATE (Industrial Grade) |
|--------------------------------------|------------------------------------|--|
| LiOH·H ₂ O Content (Min%) | | 56.5 |
| Impurity Content (Max%) | (CO ₂) | 0.5 |
| | (Cl ⁻) | 0.002 |
| | (SO ₄ ²⁻) | 0.02 |
| | (K+Na) | 0.15 |
| | (Fe ₂ O ₃) | 0.002 |
| | (CaO) | 0.035 |
| | Water Insolubles | 0.02 |
| | Hydrochloric acid Insolubles | 0.01 |

Packing: By double-layer plastic bag vacuum heat shrinkable sealing, 3kg/bag, 18kg/carton.

By woven bag with vacuum sealed plastic bag, 25kg/bag.

By paper drum with vacuum sealed plastic bags, 30kg/drum.