Lith™

LITHIUM SULFATE MONOHYDRATE 99.9%

High-Purity Lithium Salt

CAS No.: 10102-25-7
Chemical Formula: $Li_2SO_4 \cdot H_2O$

PRODUCT DESCRIPTION

Lithium Sulfate Monohydrate 99.9% is a high-purity inorganic lithium salt supplied as a white to off-white crystalline powder. With a minimum $Li_2SO_4 \cdot H_2O$ content of 99.9% and tightly controlled metallic and ionic impurities, it is suitable for applications requiring high chemical purity, including lithium compound production and specialty chemical processing.

KEY FEATURES

- High purity with $Li_2SO_4 \cdot H_2O$ content ≥99.9%
- Low metallic and ionic impurity levels
- Controlled chloride content
- White crystalline powder, free from visible impurities
- Consistent chemical composition

APPLICATIONS

- Lithium compound production
- Battery material processing
- Specialty glass and ceramics
- Chemical synthesis
- Industrial chemical processing
- Specialty chemical formulations

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Specialty Chemical Experts

LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.

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This document is subject to revision without notice as new data becomes available.

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PRODUCT SPECIFICATIONS

PARAMETER	SPECIFICATION
$Li_2SO_4 \cdot H_2O$ Content	≥99.9%
Aluminium (Al)	≤0.0003%
Calcium (Ca)	≤0.0050%
Cadmium (Cd)	≤0.0003%
Cobalt (Co)	≤0.0003%
Chromium (Cr)	≤0.0003%
Copper (Cu)	≤0.0003%
Iron (Fe)	≤0.0010%
Potassium (K)	≤0.0050%
Magnesium (Mg)	≤0.0010%
Manganese (Mn)	≤0.0003%
Sodium (Na)	≤0.0050%
Nickel (Ni)	≤0.0003%
Lead (Pb)	≤0.0003%
Zinc (Zn)	≤0.0003%
Chloride (Cl^-)	≤0.0020%
Appearance	White powder, free from visible impurities

PACKAGING
Supplied in 25 kg bags, palletised for transport and storage.

STORAGE & HANDLING
Store in original, sealed packaging in a cool, dry and well-ventilated area. Protect from moisture and keep containers securely closed when not in use.

SAFETY
Refer to the current Safety Data Sheet (SDS) for detailed information on safe handling, storage and use.