Lith™

LITHIUM SULFATE MONOHYDRATE 99%

High-Purity Lithium Salt

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

PRODUCT DESCRIPTION

Lithium Sulfate Monohydrate 99% is a high-purity inorganic lithium salt supplied as a white to off-white crystalline powder. With a minimum assay of 99.0% and controlled levels of metallic and ionic impurities, it is suitable for lithium compound production, specialty chemical manufacturing and industrial processing applications.

KEY FEATURES

- High purity with $Li_2SO_4 \cdot H_2O$ content ≥99.0%
- Controlled metallic and ionic impurity levels
- Low chloride content
- White to off-white crystalline powder
- Consistent chemical composition

APPLICATIONS

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

CHEMPORT
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.

TECHNICAL SUPPORT
+61 2 9410 3317
info@chemport.com.au

Suite 2.08
32 Delhi Road
Macquarie Park
NSW 2113
Australia

chemport.com.au

PRODUCT SPECIFICATIONS

PARAMETER	SPECIFICATION
$Li_2SO_4 \cdot H_2O$ Content	≥99.0%
Aluminium (Al)	≤0.001%
Calcium (Ca)	≤0.030%
Cadmium (Cd)	≤0.001%
Cobalt (Co)	≤0.001%
Chromium (Cr)	≤0.001%
Copper (Cu)	≤0.001%
Iron (Fe)	≤0.001%
Potassium (K)	≤0.005%
Magnesium (Mg)	≤0.010%
Manganese (Mn)	≤0.001%
Sodium (Na)	≤0.050%
Nickel (Ni)	≤0.001%
Lead (Pb)	≤0.001%
Zinc (Zn)	≤0.001%
Chloride (Cl^-)	≤0.010%
Appearance	White to off-white crystalline powder

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.