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## Lithium sulphate monohydrate, Hi-AR™/ACS

**GRM7205**

### Product Identifier

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CAS No.	:	10102-25-7
EC No.	:	233-820-4
Molecular Formula	:	Li <sub>2</sub> SO <sub>4</sub> · H <sub>2</sub> O
Molecular Weight	:	127.96
HS Code	:	2833 29 90
Storage	:	Below 30°C
Shelf life	:	4 years


### Technical Specification

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Appearance	:	Colourless to white crystals or powder
Solubility	:	100 mg soluble in 1 mL of water
Chloride (Cl)	:	<= 0.002%
Nitrate (NO <sub>3</sub> )	:	<= 0.001%
Iron (Fe)	:	<= 0.001%
Lead (Pb)	:	<= 0.001%
Potassium (K)	:	<= 0.05%
Sodium (Na)	:	<= 0.05%
Water insoluble matter	:	<= 0.01%
Loss on drying	:	13.00 - 15.00% (at 105°C, 2 hr)
Assay (Ion-Exchange Titration)	:	99.00 - 102.00%

### Safety Information

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Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H302
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	OJ6419000
WGK	:	1