



QINGHAI PRIME INTERNATIONAL

Qarhan Salt Lake holds abundant mineral resources, with substantial reserves of potassium, sodium, magnesium, lithium and other minerals. It has been the largest production base of potassium fertilizer, as well as a major production base for metallic magnesium and lithium salts. At the same time, the Qarhan Salt Lake is located on the Tibetan Plateau and is rich in hydropower, photovoltaic and wind energy, which supply a cleaner energy for the plant.

We have unique salt lake resources and cleaner energy. We are dedicated to supply customers with high quality products and very competitive price in the market. We have a professional team to provide customers with professional services, if you have any inquiries, please feel free to reach out us, working with you is our greatest joy every day!

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Lithium Salts Produced from Qinghai Salt Lake

Lithium is a key material for new energy vehicles and energy storage systems.

Qarhan Salt Lake holds abundant lithium resources, accounts for nearly half of China's lithium reserves, the lithium is stored in the form of lithium chloride within the brine of the salt lakes. Qarhan Salt Lake is the largest production base of lithium salts in China.

The brine is evaporated, concentrated, and separated the lithium chloride solution from the brine in the solar ponds, and then the solution is pumped to the refinery to extracted lithium chloride, further processed into lithium carbonate, lithium hydroxide and lithium metal.

We supply users with high-quality lithium salts in varying grades, including industrial-grade and battery-grade.

Lithium Metal (%):

Li	Na	K	Ca	Fe	Si	Al	Cu	Pb	Mg	Ni	N	Cl
99.93	0.005	0.001	0.01	0.001	0.003	0.01	0.001	0.001	0.05	0.003	0.01	0.005
min.	max.	max.	max.	max.	max.	max.	max.	max.	max.	max.	max.	max.

Lithium Chloride (%):

LiCl	Na	K	Fe2O3	CaCL2	MgCL2	SO42-	H2O
99.00	0.25	0.25	0.002	0.02	//	0.01	0.8
min.	max.	max.	max.	max.		max.	max.

Lithium Carbonate (%):

Li2CO3	Na	K	Fe	Ca	Mg	SO42-	Cl-
98.50	0.20	0.008	0.007	0.07	0.05	0.50	0.10
min.	max.	max.	max.	max.	max.	max.	max.

