Lake sending Kachi lithium to battery tester

Australia-based Lake Resources has sent the first samples of 99.97%-purity lithium carbonate from its Kachi project brines, in Argentina, to a battery testing specialist in Canada.

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Novonix Battery Technology Solutions in Nova Scotia, Canada, provides high-tech battery testing equipment to top battery makers and will make lithium-ion battery test cells from Lake's samples.

Comments

Novonix's program will run over four months and first results are expected for February 2021.

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Andre Lamberti
Using Novonix's pilot cell line, the lithium carbonate samples will be used together with commercial battery cathode precursor materials to form a NMC622 cathode that will then be processed into NMC622 lithium-ion batteries for testing.

Lake managing director Steve Promnitz said the start of the Novonix program was an important milestone for Lake and the timeframe for delivery of first results was on track.

"We are confident that Novonix's work will clearly demonstrate that lithium carbonate produced from Kachi brines will have the necessary specifications that Tier 1 battery makers require," he said.