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SJ

**INDUSTRY STANDARD OF THE
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**Methods for testing the lithium-ion diffusion coefficient of
lithium-ion battery materials
(English Translation)**

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What this standard covers

This standard specifies a method for determining the lithium-ion diffusion coefficient of lithium-ion battery materials using electrochemical impedance spectroscopy. It applies to testing the lithium-ion diffusion coefficient of cathode materials (such as lithium cobalt oxide, lithium nickel cobalt manganese oxide, lithium nickel cobalt aluminum oxide, lithium iron phosphate, lithium manganese phosphate, and lithium iron manganese phosphate) and graphite anode materials; other lithium-ion battery materials may also refer to this standard.

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