



October 16, 2025

British Columbia Securities Commission
Alberta Securities Commission
Financial and Consumer Affairs Authority of Saskatchewan
Manitoba Securities Commission
Ontario Securities Commission
Autorité des marchés financiers (Québec)
Financial and Consumer Services Commission (New Brunswick)
Nova Scotia Securities Commission
Office of the Superintendent of Securities Service Newfoundland and Labrador
Financial and Consumer Services Division (Prince Edward Island)
Office of the Superintendent of Securities (Northwest Territories)
Office of the Yukon Superintendent of Securities
Office of the Superintendent of Securities Nunavut

We refer to the prospectus supplement of Standard Lithium Ltd. (the Company) dated October 16, 2025 to the short form base shelf prospectus dated July 30, 2025 (collectively, the prospectus), relating to an offering of common shares of the Company.

We consent to being named in and to the use, through incorporation by reference, in the above-mentioned prospectus of our report dated March 21, 2025 to the Board of Directors and Shareholders of the Company on the following consolidated financial statements:

- consolidated statements of financial position as at December 31, 2024 and June 30, 2024;
- consolidated statements of comprehensive (loss) income, of changes in equity and of cash flows for the six-month period ended December 31, 2024 and for the year ended June 30, 2024; and
- the related notes.

We report that we have read the prospectus and all information specifically incorporated by reference therein and have no reason to believe that there are any misrepresentations in the information contained therein that is derived from the consolidated financial statements on which we have reported, or that are within our knowledge as a result of our audit of such consolidated financial statements. We have complied with Canadian generally accepted standards for an auditor's consent to the use of a report of the auditor included in an offering document, which does not constitute an audit or review of the prospectus as these terms are described in the CPA Canada Handbook – Assurance.

/s/PricewaterhouseCoopers LLP

Chartered Professional Accountants

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