



DLA Piper (Canada) LLP
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October 16, 2025

VIA SEDAR+

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

Re: Standard Lithium Ltd. - Prospectus Supplement dated October 16, 2025

We refer to the prospectus supplement (the “**Prospectus Supplement**”) of Standard Lithium Ltd. (the “**Company**”) dated October 16, 2025 to the final short form base shelf prospectus of the Company dated July 30, 2025, relating to the sale of 29,885,057 common shares of the Company (“**Common Shares**”) at a price of US\$4.35 per Common Share, subject to an over-allotment.

We consent to being named under the heading “*Legal Matters*” in the Prospectus Supplement, and consent to the use of our legal opinion set out under the heading “*Eligibility for Investment*” in the Prospectus Supplement, which opinion is provided as of the date of the Prospectus Supplement.

We have read the Prospectus Supplement and have no reason to believe that there are any misrepresentations in the information contained in the Prospectus Supplement that are (i) derived from our legal opinions provided in the Prospectus Supplement, or (ii) within our knowledge as a result of the services performed by us in connection with such opinions.

Sincerely,

(signed) “DLA Piper (Canada) LLP”