

Cassels

November 17, 2023

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

Dear Sirs/Mesdames:

**RE: Standard Lithium Ltd. (the “Corporation”)
Prospectus Supplement dated November 17, 2023
(the “Supplement”)**

We refer to the Supplement of the Corporation in connection with an offering of common shares of the Corporation.

We, as counsel to the Corporation, hereby consent to the use of and reference to our opinion under the headings “Eligibility for Investment” and “Certain Canadian Federal Income Tax Considerations” and to the reference to our firm name on page iii of the Supplement and under the headings “Legal Matters” and “Enforceability of Civil Liabilities”.

We confirm that we have read the Supplement and that we have no reason to believe that there are any misrepresentations in the information contained therein that is derived from our opinions referred to above or that is within our knowledge as a result of the services we performed in connection with such opinions.

Yours truly,

“CASSELS BROCK & BLACKWELL LLP”