

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

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

We refer to the prospectus (the “**Prospectus**”) of Ascend Wellness Holdings, Inc. (the “**Company**”) dated January 22, 2026, filed pursuant to National Instrument 71-101 – *The Multijurisdictional Disclosure System* relating to the offering and sale from time to time by the Company of its Class A common stock, shares of preferred stock, warrants, debt securities, subscription rights and units.

We consent to being named and to the use, through incorporation by reference, in the above-mentioned Prospectus, of our report dated March 13, 2025, to the Stockholders and Board of Directors of the Company on the following consolidated financial statements:

- Consolidated balance sheets as of December 31, 2024 and 2023; and
- Consolidated statements of operations, stockholders’ equity, and cash flows for the years ended December 31, 2024, 2023 and 2022, 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 are derived from the financial statements upon which we have reported or that are within our knowledge as a result of our audit of such consolidated financial statements.

Sincerely,

A handwritten signature in black ink that reads "Macias Gini & O'Connell LLP". The signature is written in a cursive, flowing style.

Walnut Creek, California
January 22, 2026