

## Letter of Confirmation

Issued to Aware

for test report issued on the 18<sup>th</sup> of December 2025 for  
ISO/IEC 19795-10 (Liveness) Demographic Bias Assessment of,  
*KnomiFaceLiveness v4.21 – listed as item under Test (IUT)*

To whom it may concern,

BixeLab (NVLAP Lab Code: 600301-0) is accredited by the NIST-administered National Voluntary Laboratory Accreditation Program (NVLAP) to ISO/IEC 17025:2017, for specific services listed on the Scope of Accreditation for Biometrics Testing ([certificate and scope](#) may be downloaded from the NVLAP website).

Between October and December 2025, BixeLab conducted an ISO/IEC 19795-10 (Liveness) demographic bias assessment under a technology-style configuration, using a static image corpus, a single global decision threshold per subsystem, and inter-group demographic comparisons only. This evaluation took place at the BixeLab headquarters located in the Australian Capital Territory, Australia.

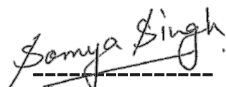
To properly assess the fairness of the IUT, BixeLab made best efforts to meet the recommended metadata distributions within the dataset utilised. To ascertain whether the IUT displays any bias towards specific demographic cohorts, different age groups, sex, and ethnicity groups were tested.

Below are the key findings from the evaluation of the IUT (Liveness sub-system):

- Across all tested age, sex, and condensed ethnicity groups, bona fide presentation classification error rates (BPCER) were low and comparable.
- Outcome-level BPCER estimates were supported by overlapping 95% confidence intervals across demographic groups, indicating no statistically meaningful differences at the operational threshold.
- Isolated statistically significant distributional differences were observed for specific cohorts; however, associated effect sizes were small and did not translate into elevated BPCER at the operational decision threshold.

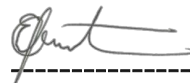
A detailed test and analysis report was generated to support the findings. For the detailed breakdown of the demographics of the dataset and methodology utilised, please refer to the test report [25\_BXL053\_TR\_04.2]

This letter confirms that the *KnomiFaceLiveness v4.21* - Item under test (IUT) - were tested in compliance with the applicable ISO/IEC 19795-10 specifications to testing and reporting.



**Ms. Somya Singh**

Operations Manager  
BixeLab Pty Ltd  
info@bixelab.com



**Dr. Ted Dunstone**

Senior Responsible Officer  
BixeLab Pty Ltd  
info@bixelab.com

*NOTE: Bixelab shall not be held liable for any interpretations, decisions, or actions based on the information contained in this confirmation letter. Bixelab does not certify or make any claims regarding the performance of the IUT outside of the described context in this letter.*