

## **Examination of the Effect of the Active Pharmaceutical Ingredient (API) on Artificial Saliva pH**

Glucodent Ltd. has successfully completed the examination of the effect of the API on the pH of artificial saliva.

The results obtained show that the action of the API exceeds the initial goals set by the scientists involved in the development of the GLUCODENT® product.

The scientifically accepted theoretical model's objectives – relating to controlling and achieving optimal pH in the oral cavity – have been successfully realized, as confirmed by the results obtained through the testing so far.

Based on the successfully achieved goals, the working hypothesis is that the mechanism of pH control in the oral cavity can control the growth and development (proliferation) of pathogenic bacteria.

The success of this test enables Glucodent to proceed to the next steps in the development of the medical product, which is testing the effect of the API on the growth and development (proliferation) of pathogenic bacteria in the oral cavity.

*Glucodent Ltd. introduces an advanced research and development project focused on creating a specialized product for oral pathology intended for people with diabetes. Our mission is to improve the oral health and well-being of diabetics through an innovative and scientifically validated product.*

*The project relies on the expertise of leading scientific institutions and our distinguished team of scientists. Additionally, we collaborate with experts in key areas such as intellectual property (IP), legal affairs, regulatory compliance, and strategic consulting. This comprehensive approach ensures that our product not only achieves efficacy but also meets the highest quality standards.*