

ISO 10873:2021(Ed.2)
Dentistry—Denture adhesives

< Overview >

ISO 10873:2021(Ed.2) is a standard concerning denture adhesives. This is a revision of an international standard that was originally developed based on a Japanese proposal. It reflects the content of the corresponding JIS standard, which was revised in advance to correct matters in ISO 10873:2010(Ed.1). Support was provided for the standard's development process through the PMDA's Academia Dispatch Program.

< Technical Committee >

ISO/TC 106/SC 7/WG 9

< Main Points >

- ISO 10873:2010(Ed.1) was developed based on a Japanese proposal derived from the JIS T 6525-1:2005 ("Denture adhesives-Part 1: Glue type denture adhesives") and JIS T 6525-2:2005 ("Denture adhesives-Part 2: Liner type denture adhesives") standards, which are cited in the certification criteria.
- As ISO 10873:2010(Ed.1) had discrepancies, such as in powder/liquid ratios, the revision was carried out to reflect the content of the preemptively revised JIS standard in the international standard. The revision also established a new pH measurement method and set a specified value for the surface roughness of the sample holder.
- Japan secured the Working Group convenorship and established an assistant to the convener position to strengthen its organizational structure.

< Publication History >

- Professor Murata was appointed as the WG 9 Convener at the ISO/TC 106 meeting in Tromsø in September 2016.
- Committee Draft (CD) vote in June 2017.
- An inter-laboratory test (ILT) was conducted in the USA, South Korea, and Japan in 2018.
- Draft International Standard (DIS) vote in November 2019.
- Final Draft International Standard (FDIS) vote in February 2021.
- ISO 10873:2021(Ed.2) published in July 2021.

< PMDA Involvement >

Attendance at international conferences, domestic committees and the Academia Dispatch Program.