

Pemeriksaan mutu malam model yang beredar di Yogyakarta

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Abstrak

Modelling wax is an auxiliary material in acrylic denture fabrication. This material should have standard quality. Many local and imported brand of modelling waxes are distributed in Yogyakarta. The aim of this study is to examine the quality of modelling waxes in Yogyakarta based on international standard. Seven brand of modelling waxes (Rusco tropical, Cavec Tropical, Ruby, SMIC, Anchor Brand Medium, Anchor Brand Hard, and Anchar Brand Medium) were examined by ISO 12163 (ANSI/ADA No. 24) specification. The spesification which were examined were general requirements (uniform shapes, free from foreign materials, smooth sheets, uniform texture, cohere if softened, and uniform dimension), special requirements (color, odor & flafour, softening, trimming, and flaming), and preparation for delivery requirements (packaging and marking). The modelling waxes were stated fulfil the requirements if all 5 samples of each brands were suitable with the specification. The results showed that one brand (Cavec Tropical) fulfilled general and special requirements, 1 brand (SMIC) only fulfilled general requirements, and 3 brands (Rusco Tropical, Ruby, and Anchor Brand Hard) only fulfilled general requirements. No brand fulfilled preparation for delivery requirements. The conclusion of this study was no brand of modelling waxes distributed in Yogyakarta fulfilled all requirements.