



The results showed that the double layer film which contained both Carbopol®940 20%w/w and polyvinyl alcohol 10%w/w as adhesive agents in the adhesive matrix layer was able to adhere tightly to the oral mucosa. The mean effective adhesive times were between 3.79-4.35 hours during daytime treatments and were about 8 hours during bedtime treatments. The film did accept by both the healthy volunteers and the oral stomatitis patients. In addition, the film could improve the clinical signs in the oral stomatitis patients after the course of this treatment. For the double layer tablets, although the tablets adhered tightly to the oral mucosa but they were not acceptable by the healthy volunteers. The rigidity and the thickness of the tablet created the annoyance to the volunteers.