

ABSTRACT
(LITERATURE REVIEW)

**"INFLUENCE OF COMBINATION OF GELLING AGENT CARBOPOL AND
HPMC ON THE RESULTS OF THE RESULTS OF THE SPREADABILITY
OF THE GEL PREPARATION"**

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Currently, skincare cosmetics are products or preparations that are widely used by most adult women. Some cosmetic preparations are gels, creams, ointments, lotions and others. One of the cosmetic preparations that can be applied to the skin is a gel dosage form. Gel preparations have several advantages, including being non-sticky, easy to apply evenly, leaving no marks, only a thin layer when used, transparent, easily washed off with water, and providing a cooling sensation after use. One of the important factors in a gel formulation is the gelling agent. Gelling agent commonly used by HPMC and Karbopol. This literature review aims to determine spreadability the test in formulations with a combination of gelling agent carbopol and HPMC. The research method used is experimental research and the Simplex Lattice Design method. From the results of this literature review, it can be concluded that the gelling agent combination of carbopol and HPMC has an effect on the dispersion value. The use of high concentrations of Carbopol can cause an increase in viscosity and decrease the spreadability of the gel, while HPMC requires a high enough concentration to increase the spreadability to form a good gel mass.

Keywords: Gel, Carbopol, HPMC, spreadability