Glibenclamide is an oral antidiabetic drug which has a low solubility. Because of that, dissolution test is needed to predict its bioavailability. This research was done to compare the test product, a generic and brand glibenclamide with an innovator using dissolution test at pH 7.4 and temperature $37^\circ \pm 0.5^\circ$ C. The result for the similarity factor shows that the test and innovator products are similar. The similarity factor for generic product is 66,789 and for the brand product is 66,276. Another parameter in this test is dissolution efficiency. The dissolution efficiency value for generic, brand, and innovator product are 73,783%, 84,686%, and 77,462% which shows that the brand product is significantly different from the generic and innovator product, while the generic product is not significantly different with the innovator product.

**Keywords**: glibenclamide, comparative dissolution test, phosphat buffer pH 7,4