## ABSTRAK

Pengembangan LKPD pembelajaran kimia yang dilatar belakangi oleh kurangnya bahan ajar yang inovatif. Penelitian ini bertujuan untuk mengembangkan media pembelajaran kimia berupa LKPD yang layak digunakan dalam pembelajaran kimia, khususnya pada materi kesetimbangan kimia. Penelitian merupakan penelitian dan pengembangan (*Reserch and Development*). Pengembangan media pembelajaran berupa LKPD dengan menggunakan langkah-langkah: (1) potensi dan masalah, (2) pengumpulan data, (3) desain produk, (4) validasi produk, (5) revisi desain, (6) uji coba produk, (7) revisi produk. Validasi LKPD dilakukan oleh dua orang ahli materi dan dua orang ahli media. Subjek uji coba adalah 6 orang guru kimia dengan uji coba kelayakan serta 60 orang peserta didik dengan uji coba pemakaian. Data dikumpulkan dengan teknik kuesioner dan wawancara.

Hasil penelitian menunjukkan bahwa produk media pembelajaran berupa LKPD kesetimbangan kimia layak digunakan dalam proses pembelajaran. Hasil ini ditunjukkan oleh (1) hasil penilaian ahli materi termasuk dalam kategori "sangat valid" dengan skor rata-rata 86,36%, (2) hasil penilaian ahli media termasuk dalam kategori "sangat valid" dengan skor rata-rata 85,71%, (3) hasil penilaian uji kelayakan oleh guru termasuk dalam kategori "sangat layak" dengan skor rata-rata 86,43%, (4) hasil respon peserta didik termasuk dalam kategori "sangat menarik" dengan skor rata-rata 84,30%.



Kata Kunci: *Learning Cycle 7E, Kesetimbangan kimia, LKPD Pembelajaran*.



## *ABSTRACT*

evelopment of chemistry learning worksheets based on the lack of innovative teaching materials. This study aims to develop a chemistry learning media in the form of worksheets that are suitable for use in chemistry learning, especially in chemical equilibrium material. Research is research and development (Reserch and Development). Development of learning media in the form of LKPD using the following steps: (1) potential and problems, (2) data collection, (3) product design, (4) product validation, (5) design revision, (6) product trial, ( 7) product revision. LKPD validation was carried out by two material experts and two media experts. The test subjects were 6 chemistry teachers with a feasibility test and 60 students with a usage trial. Data were collected by using questionnaires and interviews.
The results showed that the product of learning media in the form of chemical equilibrium worksheets was suitable for use in the learning process. These results are shown by (1) the results of the material expert's assessment included in the "very valid" category with an average score of 86.36%, (2) the results of the media expert's assessment included in the "very valid" category with an average score of 85.71 %, (3) the results of the feasibility test by the teacher are included in the "very feasible" category with an average score of 86.43%, (4) the results of student responses are included in the "very interesting" category with an average score of 84.30 %.



Keywords: Learning Cycle 7E, Chemical Equilibrium, Learning LKPD.