

## ABSTRAK

**Cut Safrida Riska , 4182131003 (2022) . Pengembangan Modul Berbasis *Discovery Learning* Terintegrasi Literasi Sains Pada Materi Kesetimbangan Kimia.**

Penelitian ini bertujuan untuk mengetahui kelayakan serta respon siswa, dari pengembangan Modul Berbasis *Discovery Learning* terintegrasi literasi sains. Subjek dalam penelitian ini adalah Modul berbasis model pelajaran *Discovery Learning* terintegrasi literasi sains. Objek Penelitian ini adalah Materi kesetimbangan kimia. Jenis penelitian ini adalah pengembangan yang mengacu pada model ADDIE . Penelitian ini menggunakan instrument non tes, instrument non tes yang digunakan berupa Lembar Validasi yang telah memenuhi standar BSNP yaitu aspek kelayakan isi, penyajian, bahasa serta kegrafikan oleh validator dan Lembar angket respon siswa dengan skala lima kategori. Hasil kelayakan validasi menunjukkan bahwa pengembangan modul berbasis *discovery learning* terintegrasi literasi sains pada materi kesetimbangan kimia. Persentase rata-rata penilaian validator ahli media pada kelayakan isi yaitu 87,32%, kelayakan penyajian yaitu 88%, kelayakan bahasa yaitu 85,28%. Dan untuk persentase penilaian media rata-rata pada kelayakan kegrafikan 93,50% dan kelayakan bahasa yaitu 88.86%.

**Kata Kunci :** Modul Berbasis *Discovery Learning*, Literasi Sains, Kesetimbangan Kimia



## ABSTRACT

**Cut Safrida Riska, 4182131003 (2022) . Development of Integrated Discovery Learning-Based Modules in Science Literacy in Chemical Equilibrium Materials.**

This study aims to determine the feasibility and student responses, from the development of a Discovery Learning-Based Module that is integrated with scientific literacy. The subject of this research is a module based on the Discovery Learning learning model which is integrated with scientific literacy. The object of this research is the material of chemical equilibrium. This type of research is a development that refers to the ADDIE model. This study uses non-test instruments, non-test instruments used in the form of Validation Sheets that have met the BSNP standards, namely aspects of the feasibility of content, presentation, language and graphics by the validator and student response questionnaire sheets with a scale of five categories. The results of the feasibility validation show that the development of discovery learning-based modules is integrated with scientific literacy in chemical equilibrium material. The average percentage of media expert validators' assessments on content feasibility is 87.32%, presentation feasibility is 88%, language eligibility is 85.28%. And for the average percentage of media assessment on the feasibility of graphics is 93.50% and language feasibility is 88.86%.

**Keywords:** Discovery Learning Based Module, Science Literacy, Chemical Equilibri

