

## ABSTRACT

**Kurnia Wati Br Bangun, IDN 4213131045 (2025). Development of Interactive E-LKPD Based on Reading to Learn (R2L) Method to Improve Students' HOTS Science Literacy Ability on Chemical Equilibrium**

The aim in this study are: 1) to determine the need analysis results of interactive E-LKPD based on the Reading to Learn (R2L), 2) to determine the feasibility level of interactive E-LKPD based on the Reading to Learn (R2L), 3) to determine the influence of interactive E-LKPD based on the Reading to Learn (R2L) and 4) to determine the effectiveness of interactive E-LKPD based on the Reading to Learn (R2L) method to improving Students' HOTS Science Literacy skills on Chemical Equilibrium. Science literacy is the one very important skill that students must have. Students' ability to read is still classified as low. This study uses a type of development known as R&D (Research and Development) research. The product developed is an Interactive E-LKPD based on the R2L method on chemical equilibrium material. The result of need analysis that has been carried out state requires Interactive E-LKPD based on Reading to Learn (R2L) on chemical equilibrium material to increase HOTS Literacy students get data 100% students agree that using the interactive E-LKPD based on Reading to Learn (R2L) to be developed as a learning support. It was found that very feasible to used Sig <0.05, therefore  $H_a$  is accepted and  $H_0$  is rejected. There is an influence of E-LKPD based on Reading to Learn (R2L) on chemical equilibrium material.

**Key Words: Interactive E-LKPD, HOTS Ability, Literacy, R2L**

