

ABSTRAK

Yaumil Tarwiyah, 2024. Pengembangan Bahan Ajar *Booklet* Berbasis *Etnosains* Pada Asam Basa Untuk Siswa SMAN 3 Senayang. Skripsi, Program Studi Pendidikan Kimia, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Maritim Raja Ali Haji. Pembimbing I : Dr. Nancy Willian, S.Si, M.Si. Pembimbing II : Ardi Widhia Sabekti, S.Pd., M.Pd

Kata Kunci : 1) Bahan Ajar, 2) *Booklet* , 3) *Etnosains*, 4) Asam Basa

Penelitian ini bertujuan Mengembangkan bahan ajar berupa *booklet* berbasis etnosains pada materi pembelajaran asam basa yang valid, praktis serta bisa dipakai di proses pembelajaran. Metode pengembangan yang dipakai yakni *Research and Development* (R&D) dengan model pengembangan ADDIE terdiri lima tahap: *analysis, design, development, implementation* serta *evaluation*. Penelitian ini dilaksanakan di SMA Negeri 3 Senayang dengan subjek penelitian terdiri 1 validator ahli materi, 1 validator ahli bahan ajar, serta subjek penelitian pada 20 siswa kelas XI serta 1 orang guru kimia. Hasil validasi pada bahan ajar berupa *booklet* berbasis etnosains pada materi pembelajaran asam basa peroleh nilai 84,5% kategori sangat valid. Sementara hasil validasi materi didapat 78,25% kategori penilaian valid. Hasil praktikalitas guru pada bahan ajar berupa *booklet* berbasis *etnosains* dalam materi pembelajaran asam basa peroleh nilai 90,62% berkategori sangat praktis. Sementara hasil praktikalitas peserta didik peroleh 90,78% berkategori sangat praktis. Maka dapat disimpulkan bahwa bahan ajar *booklet* berbasis *etnosains* valid dan praktis digunakan pada proses pembelajaran kimia materi asam basa.

ABSTRACT

Yaumil Tarwiyah, 2024. Development of Ethnoscience-Based Chemistry Booklet Teaching Material on Acid-Base Material for Students of SMAN 3 Senayang. Thesis, chemistry Education Study Program Faculty of Teacher Training and Education, Raja Ali Haji, Tanjung Pinang Maritime University. Thesis Supervisor: Dr Nancy Willian, S.Si, M.Sc and Ardi Widhia Sabekti, S.Pd., M.Pd

Keywords: 1) Teaching Material, 2) Chemistry Booklet, 3) Etnosains, 4) Acid Base.

The aim of this research is to develop teaching materials in the form of an ethnoscience-based booklet on acid-base learning material that is valid, practical, and can be used in the learning process. The development method used is Research and Development (R&D) with the ADDIE development model consisting of five stages: analysis, design, development, implementation, and evaluation. This research was conducted at SMA Negeri 3 Senayang with research subjects consisting of 1 material expert validator, 1 teaching material expert validator, 20 students of class XI, and 1 chemistry teacher. The validation results of the ethnoscience-based booklet on acid-base learning material obtained a score of 84.5% in the very valid category. Meanwhile, the material validation results obtained a score of 78.25% in the valid category. The practicality results from the teacher on the ethnoscience-based booklet in acid-base learning material obtained a score of 90.62% in the very practical category. Meanwhile, the practicality results from the students obtained a score of 90.78% in the very practical category. Therefore, it can be concluded that the ethnoscience-based booklet is valid and practical to be used in the learning process of acid-base chemistry material.