ABSTRACT

PAWESTRI PUSPA NAGARI. Chemical Literacy Analysis of Students through the Application of Case Based Learning (CBL) Models on Petroleum and its Combustion.
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The purpose of this study was to determine the chemical literacy of students through the application of the Case Based Learning (CBL) model on petroleum and its combustion. The research subjects consisted of 15 students of class XI MIPA 3 SMA Negeri 1 Terusan Nunyai in Central Lampung District, Lampung Province. The research method used is a case study qualitative method. The collection techniques in this study include observation, chemical literacy test questions, and questionnaires. Chemical literacy of students is analyzed in four aspects, namely aspects of content, knowledge, competence, and attitude. The results showed that the average achievement of chemical literacy of students in class XI MIPA 3 SMA Negeri 1 Terusan Nunyai was 40,67% in the "very poor" category.

Keywords: *Chemical Literacy, Case Based Learning (CBL), Petroleum and its Combustion.*