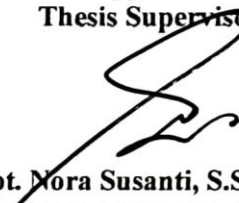


Thesis:

**Analysis of Student Misconceptions Using Three-Tier Multiple-Choice
Diagnostic Tests on Reaction Rate Material
in SMA Negeri 2 Percut Sei Tuan**

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Gracia Kristy Tarigan, the author of the thesis entitled “Analysis of Student Misconceptions Using Three-Tier Multiple-Choice Diagnostic Tests on Reaction Rate Material in SMA Negeri 2 Percut Sei Tuan”, was born in Tanjung Selamat, December 13, 2001. The author is the second child (of four siblings) of Ramendra Tarigan (father) and Rasta Barus (mother). The author started formal education at SD Negeri 118154 Bandar Gula Timur/PNKA (2018-2014). After elementary school, the author continued his education at SMP Negeri 1 Bilah Barat (2014-2017). Then the author continued his education at SMA Negeri 3 Rantau Utara, majoring in science (2017-2020). In 2020, through the SNMPTN route, the author became a student in the Bilingual Chemistry Education Study Program, Department of Chemistry, Faculty of Mathematics and Natural Sciences, State University of Medan. On May 22, 2024, the author passed the thesis defense examination, and was entitled to use the Bachelor of Education (S.Pd) degree.