Thesis:

Analysis Of Student Misconceptions Using A Web-Based Diagnostic Test On Redox Material

Name

: Lamtiur Paronauli Silaban

IDN

: 4203131048

Study Program : Bilingual Chemistry Education

Department

: Chemistry

Approved by:

Prof. Dr.Ida Duma Riris, M.Si IDN. 19610626 198710 1 001

Acknowledge by:

IDN. 19660807 199910 1 001

Bilingual Program Coordinator,

Dr. Ely Djulia, M.Pd

IDN, 19660724 199103 2 012

FMIPA Unimed

Dean,

Dr. Ani Sutiani, M.Si

NIP. 19680730 199203 2 002

Date of Graduate: April 03rd, 2024

ORIGINALITY STATEMENT PAGE*)

I declare with truth that this thesis manuscript is my work, and all sources, both quoted and referred to in the manuscript, have been correctly stated in the citation sources and bibliography. If in the future it is known and can be proven that there are elements of plagiarism in this thesis, I am willing to have this thesis canceled and processed by the applicable laws and regulations (Law No. 20 of 2003, article 25 paragraph 2 and article 70).

Medan, April 03rd 2024

MATTER LONG S TEMPEL DE-DAMORS 2039128

> Lamtiur Paronauli Silaban NIM.4203131048

APPROVAL PAGE FOR PUBLICATION OF FINAL THESIS FOR ACADEMIC PURPOSES

As an academic community of Medan State University, I, the undersigned:

Name : Lamtiur Paronauli Silaban

NIM : 4203131048

Study Program : Bilingual Chemistry Education

Faculty : Fakultas Matematika dan Ilmu Pengetahuan Alam

Type of Work : Skripsi

for the development of science, agree to grant Medan State University a Non-exclusive Royalty-Free Right on my scientific work entitled:

"Analysis Of Student Misconceptions Using A Web-Based Diagnostic Test On Redox Material"

along with existing devices (if needed). With this Non-Exclusive Royalty-Free Right, Medan State University has the right to store, transfer/format, manage in the form of a database, maintain, and publish my final project as long as I keep my name as the author/creator and as the copyright owner. Thus I make this statement truthfully to be used properly.

Made in : Medan

On the date : April 03^{rd} 2024

Declared,

Lamtiur Paronauli Silaban

NIM.4203131048