

Effect of SiO₂, ZrO₂, and SiO₂-ZrO₂ Supports on Product Distribution in Glucose Hydrogenolysis over Cu-Ni-WO_x Catalysts

Ahmad Sholeh Romdlon¹, Yuniar Ponco Prananto¹, Siti Mariyah Ulfa^{1,2 *}

¹ Department of Chemistry, Faculty of Mathematics and Natural Sciences, Brawijaya University, Jl. Veteran, Malang, East Java, Indonesia

² Synthesis and Catalysis of Natural Product Research Group, Faculty of Mathematics and Natural Sciences, Brawijaya University Jl. Veteran, Malang, East Java, Indonesia 65145

** Corresponding Author. E-mail: ulfa.ms@ub.ac.id*

Telp: +62-341-575835, Fax: +62-341-554403

LAB TERPADU FTP UB

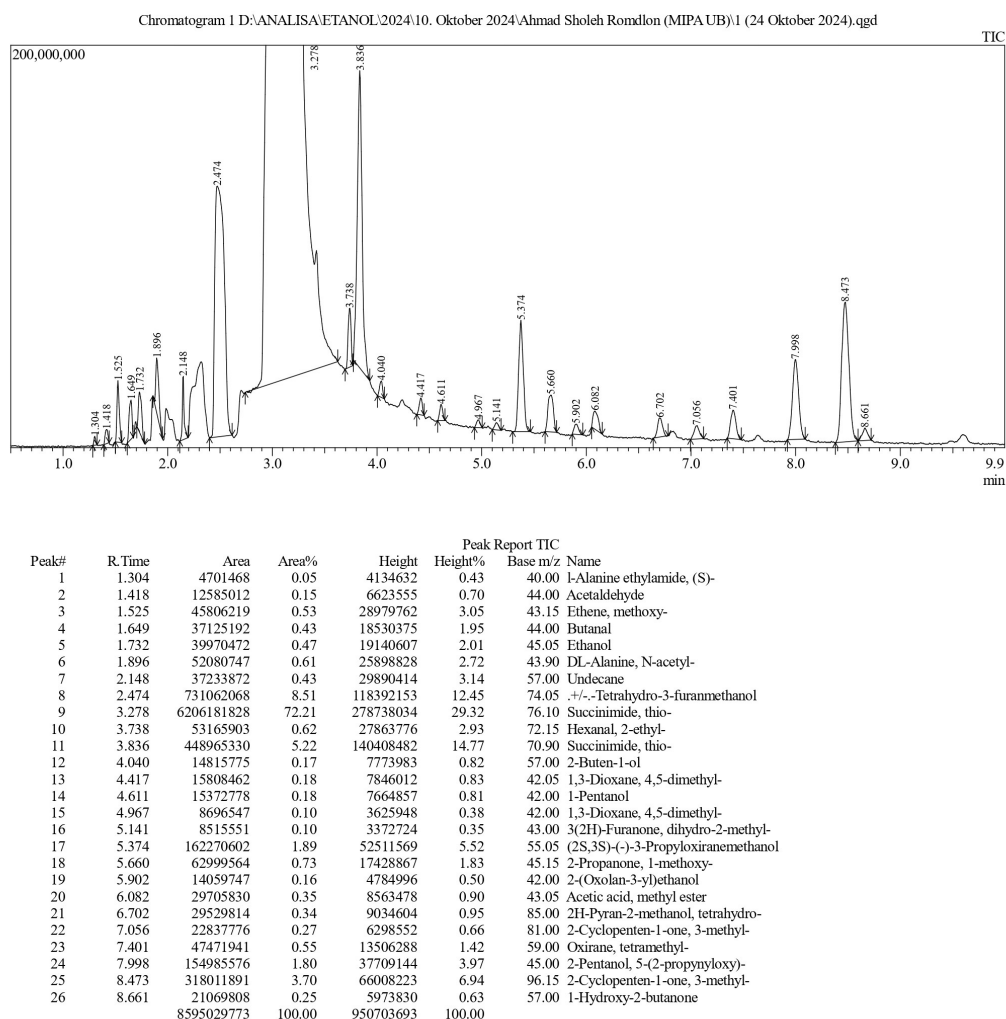
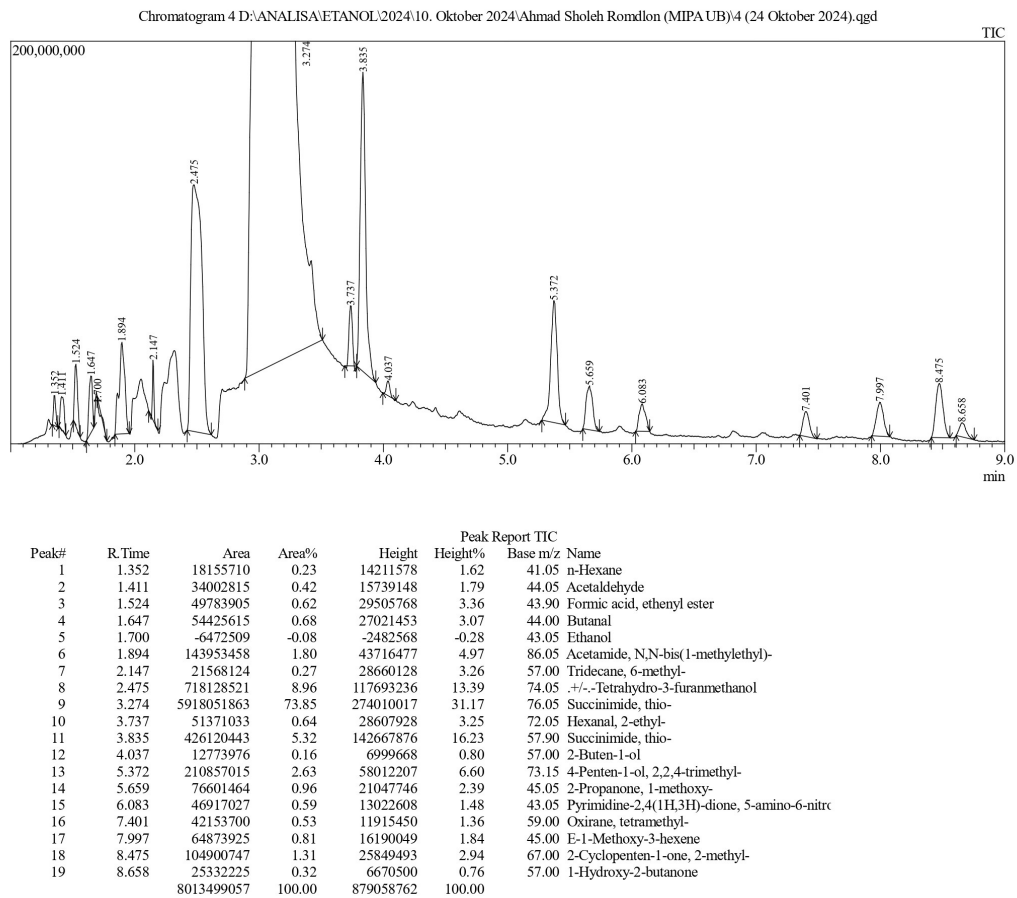


Figure S1. GC-MS TIC (Total Ion Chromatogram) of the product analysis results from the hydrogenolysis reaction of glucose using MSZ (Cu-Ni-WO_x/SiO₂-ZrO₂) catalyst

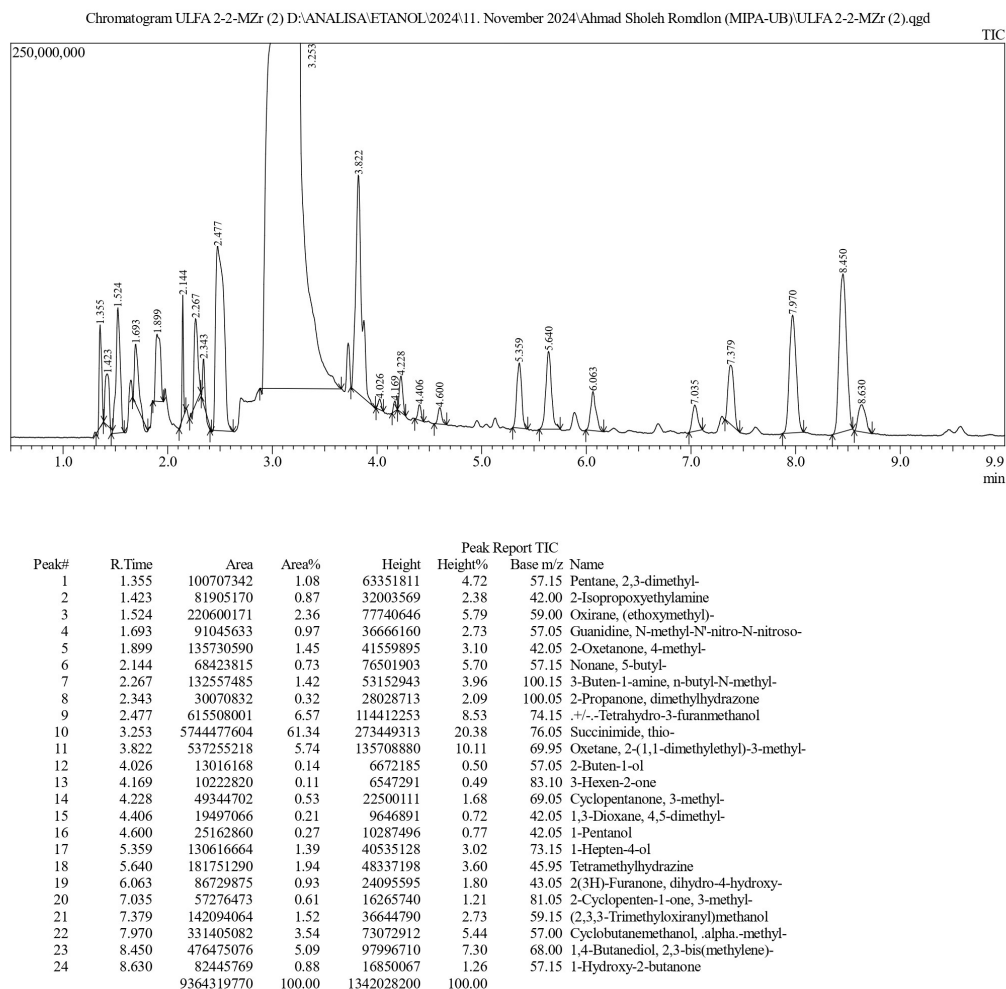
LAB TERPADU FTP UB



Library

Figure S2. GC-MS TIC (Total Ion Chromatogram) of the product analysis results from the hydrogenolysis reaction of glucose using MS (Cu-Ni-WO_x/SiO₂) catalyst

LAB TERPADU FTP UB



Library

Figure S3. GC-MS TIC (Total Ion Chromatogram) of the product analysis results from the hydrogenolysis reaction of glucose using MZ (Cu-Ni-WO_x/ZrO₂) catalyst