

Antonio Kautsar

Laboratory Supervisor & Research Assistant

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Education

- 2018-09 - 2021-01 **Master of Science : Chemistry**
IPB University - Bogor, Indonesia
- 2008-09 - 2012-08 **Bachelor of Science : Chemistry**
Pakuan University - Bogor, Indonesia
- 2003-06 - 2007-07 **Vocational High School on Chemistry**
SMAKBo - Bogor, Indonesia

Experience

- Sep 2012 - Present **Laboratory Supervisor**
Tropical Biopharmaca Research Center
- Oversaw in depth laboratory inspections and contributed to favorable outcomes
 - Prepared analyst schedules according to individual needs and skills, as well as coverage requirements.
 - Directed quality assurance standards to maximize results.
 - Assisted with development and administration of laboratory budgets.
- Aug 2008 - Present **Research Assistant**
Tropical Biopharmaca Research Center
- Planned, modified, and executed research techniques.
 - Prepared materials for reports, presentation and submission to peer-reviewed journal publications.

Expertise

- Analytical Chemistry
- FTIR
- AAS
- HPLC
- TLC
- GC-MS
- LC-MS/MS
- Proximate Analysis
- Chemometrics
- Spectrophotometer UV-Vis

Languages

- **Indonesia** : Native
- **English** : Fluent

Publications

- **Chemometrics As a Tool For Identification and Discrimination of Four Curcuma Species**
International Research Food Journal, 2017
- **Data Fusion of UV-Vis and FTIR Spectra Combined with Principal Component Analysis for Distinguishing of Andrographis paniculata Extracts Based on Cultivation Ages and Solvent Extraction**
International Research Food Journal, 2021
- **Feasibility of near-infrared spectroscopy and chemometrics analysis for discrimination of Cymbopogon nardus from Cymbopogon citratus**
Arabian Journal of Chemistry, 2022