

## DAFTAR SINGKATAN

ADC	: <i>Analog to Digital Converter</i>
AgCl	: Perak Klorida
ASV	: <i>Anodic Stripping Voltammetry</i>
Cd	: Kadmium
CE	: <i>Counter Electrode</i>
CV	: <i>Cyclic Voltammetry</i>
DAC	: <i>Digital to Analog Converter</i>
DIY	: <i>Do it Yourself</i>
EIS	: <i>Electrochemical Impedance Spectroscopy</i>
Fe	: Besi
GCE	: <i>Glassy Carbon Electrode</i>
GUI	: <i>Graphical User Interface</i>
HMI	: <i>Human Machine Interface</i>
I2C	: <i>Inter Integrated Circuit</i>
IUPAC	: International Union of Pure and Applied Chemistry
LCD	: <i>Liquid Crystal Display</i>
LOD	: <i>Limit of Detection</i>
LSPR	: <i>Localized Surface Plasmon Resonance</i>
LSV	: <i>Linear sweep voltammetry</i>
Mn	: Mangan
NaOH	: Natrium Hidroksida
O	: Oksida
OH	: Hidroksida
PCB	: <i>Printed Circuit Board</i>
PPB	: <i>Part per Billion</i>
PVA	: Polivinyl Alcohol
RE	: <i>Reference Electrode</i>
Redoks	: Reduksi-oksidasi
SD Card	: <i>Secure Digital Card</i>
SDGs	: <i>Sustainable Development Goals</i>
SPE	: <i>Screen Printed Electrode</i>
SPI	: <i>Serial Peripheral Interface</i>

SPR : *Surface Plasmon Resonance*  
SWV : *Square Wave Voltammetry*  
TE : Teknik Elektro  
WE : *Working Electrode*  
ZnO : Seng Oksida