

SYMBOLS USED

5 C Pin	5 Carboxy Indole
Hour	h
° C	Centigrade
CV	Cyclic Voltammetry
CS	Chitosan
DNA	Deoxy-ribonucleic acid
EDAX	Energy Dispersive Spectroscopy
EDC	1-Ethyl-3-(3-dimethylamino propyl) carbodiimide
EIS	Electrochemical Impedance Spectroscopy
ETEC	Enterotoxigenic E. Coli
FTIR	Fourier Transform Infra Red Spectroscopy
LLO	Listeriolysin O
LOD	Limit of Detection
NHS	N-hydroxy succinamide
PtNp	Platinum nanoparticles
PCR	Polymer chain reaction
SAED	Selected Area Diffraction
SAM	Self Assembly monolayers
SEM	Scanning Electron Microscopy
ST	Shigella toxin

SPE

Screen Printed Electrodes

TBAP

Tetra Butyl Ammonium Per Chlorate