

## LIST OF ABBREVIATIONS

%	-	Percentage
±	-	Plus or minus
µl	-	microliter
‰	-	Salinity
°C	-	degree Celsius
16S rDNA	-	16S ribosomal Deoxyribonucleic acid
Ag	-	Silver
AgNO <sub>3</sub>	-	Silver Nitrate
AgNPs	-	Silver Nanoparticles
Au	-	Gold
B.C	-	Before Christ
C <sub>13</sub> NMR	-	Carbon-13 Nuclear Magnetic resonance
CFU	-	Colony Forming Unit
cm	-	Centimeter
cm <sup>-1</sup>	-	Reciprocal centimeter
Dis. H <sub>2</sub> O	-	Distilled Water
DNA	-	Deoxyribonucleic acid
dNTP	-	Deoxyribonucleotide triphosphate
EDTA	-	Ethylenediaminetetraacetic acid
EDXA	-	Energy-Dispersive X-ray Analysis
EMBL	-	European Bioinformatics Institute
ESI-MS	-	Electrospray Ionization Mass Spectrometry
FAO	-	Food and Agricultural Organization
FTIR	-	Fourier Transform Infrared Spectroscopy
FWHM	-	Full Width at Half Maximum
g	-	gram
GC	-	guanine cytosine
h	-	Hour
ha	-	Hactare
HCl	-	Hydrochloric Acid

HgCl <sub>2</sub>	-	Mercury (II) Chloride
H-NMR	-	Proton Nuclear Magnetic resonance
HPLC	-	High Performance Liquid Chromatography
IR	-	Infrared
ISP1	-	International Streptomyces Project Medium 1
ISP2	-	International Streptomyces Project Medium 2
ISP7	-	International Streptomyces Project Medium 7
JCPPS	-	Joint Committee on Powder Diffraction Standards
Kb	-	Kilobyte
KBr	-	Potassium Bromide
KCl	-	Potassium Chloride
Kg	-	Kilogram
Km	-	Kilometer
KUA	-	Kuster's agar
M	-	Molarity
Mb	-	Megabytes
mg	-	Microgram
mg/l	-	milligram per liter
MgCl <sub>2</sub>	-	Magnesium Chloride
MIB	-	2-Methylisoborneol
Min	-	Minutes
ml	-	microliter
mm	-	millimeter
mM	-	millimolar
MRSA	-	Methicillin-resistant <i>Staphylococcus aureus</i>
MRSE	-	Methicillin-resistant <i>Staphylococcus epidermidis</i>
MR-VP	-	Methyl Red, Voges-Proskauer
MS	-	Mass Spectrometry
N	-	Normality
NaCl	-	Sodium Chloride
NaOH	-	Sodium hydroxide

NH <sub>2</sub>	-	Amine group
nm	-	Nanometer
NMR	-	Nuclear Magnetic resonance
NPs	-	Nanoparticles
NIZ	-	No Inhibition Zone
PCR	-	Polymer Chain Reaction
pH	-	Hydrogen-ion Concentration
ppm	-	Parts per million
RNA	-	Ribonucleic Acid
rpm	-	Revolutions Per Minute
SCA	-	Starch Casein Agar
SDS	-	Sodium Dodecyl Sulfate
Sec	-	Seconds
SEM	-	Scanning Electron Microscope
SPR	-	Surface Plasmon Resonance
TCBS	-	Thiosulfate-citrate-bile Salts-sucrose Agar
TE	-	Tris EDTA
TER	-	Trans-epithelial Resistance
THB	-	Total Heterotrophic Bacteria
TLC	-	Thin Layer Chromatography
TVC	-	Total Vibrio Count
UV-Vis	-	Ultraviolet and Visible absorption
V	-	Variable
v/v	-	Volume to Volume
WHO	-	World Health Organization
XRD	-	X-ray Diffraction