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ABBREVIATIONS AND SYMBOLS

mg	Milligram
kg	Kilogram
km	Kilometer
ppm	Parts per million
g	Gram
cm	Centimeter
°C	Degree Celsius
°F	Degree Fahrenheit
K	Degree Kelvin
mm.	Millimeter
Mins	Minuit
L	Liter
μL	Microliter
pH	Potential of Hydrogen ion
mM	Millimolar
n/a	Not applicable
Zn	Zinc
Cd	Cadmium
Ca	Calcium
Se	Selenium
Cr	Chromium
Ni	Nickel
Pb	Lead
Cd-Mt	Metallothionein protein
NaCl	Sodiumchloride
LD ₅₀	Median Lethal Dose
LC ₅₀	Median Lethal Dose

GPS	Global Positioning System
IgG	Immunoglobulin G
DNA	Deoxyribonucleic acid
16S rDNA	16Svedberg unit ribosomal Deoxyribonucleic acid
NA	Nutrient Agar medium
CFU	Colony Forming Unit
NB	Nutrient Broth medium
OD 625	Optical Density at 625 nanometer of weavelength
OD600	Optical Density at 600 nanometer of weavelength
$\text{CdCl}_2 \cdot 2.5 \text{ H}_2\text{O}$	Cadmium chloride hemi(pentahydrate)
MIC	Minimal Inhibitory Concentration
PCR	Polymerase Chain Reaction
dNTP	Deoxynucleoside triphosphate
U	Unit
bp	Base pairs
rpm	Revolutions per minute
EPS	Extracellular polymeric substance
p	p-value
Std. Dev	Standard Deviations
Std. Error	Standard Error

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