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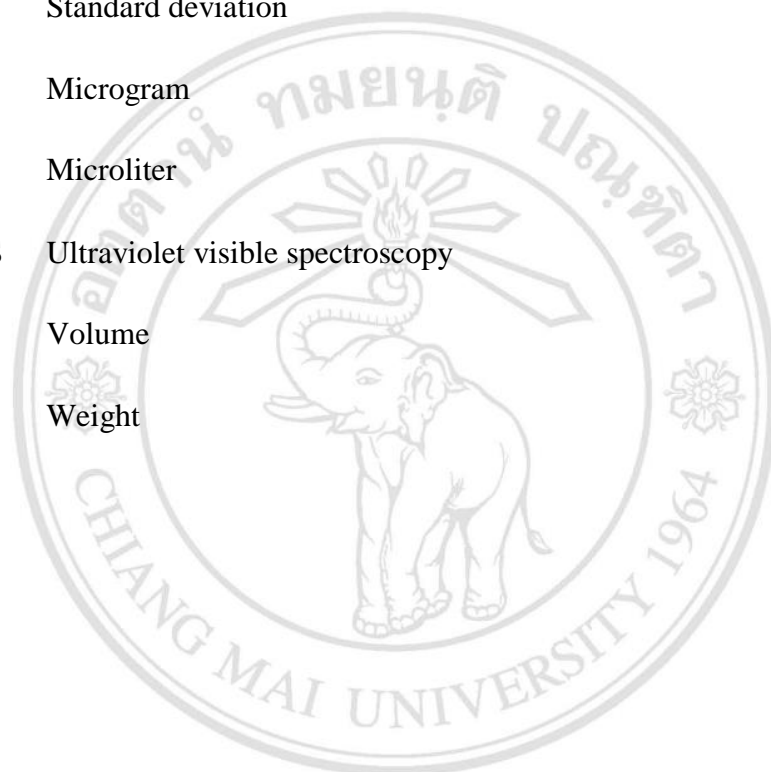
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LIST OF ABBREVIATIONS

AC	Alternating current
ANOVA	Analysis of variance
APPJ	Atmospheric pressure plasma jet
Ar	Argon
a.u.	Astronomical unit
Avg	Average
°C	Degree Celsius
CaCl ₂	Calcium chloride
-C-O	Carbonyl group
-C=O	Carbonyl group
-COOH	Carboxylic acid group
CS	Chitosan
DC	Direct current
DD	Degree of deacetylation
DI	Deionize water
DOE	Design of experiment
ESR	Equilibrium swelling ratio
Fig	Figure
g	Gram

GA	Glutaraldehyde
Gel	Gelatin
H	Hour
He	Helium
H ₂ O	Water molecule
L	Liter
m, min	Minute
mg	Milligram
ml, mL	Milliliter
mm, mM	Millimeter
MW	Microwave
NH ₂	Amine group
nm	Nanometer
O	Atomic oxygen
O ₂	Oxygen
OES	Optimal emission spectroscopy
OH	Hydroxyl
P	P-value
PBS	Phosphate buffer saline
RBCs	Red blood cells
Rep	Replication

RF	Radiofrequency
RS	Rice starch
R-sq	R square
s	second
SD	Standard deviation
μg	Microgram
μl	Microliter
UV-VIS	Ultraviolet visible spectroscopy
v	Volume
w	Weight



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