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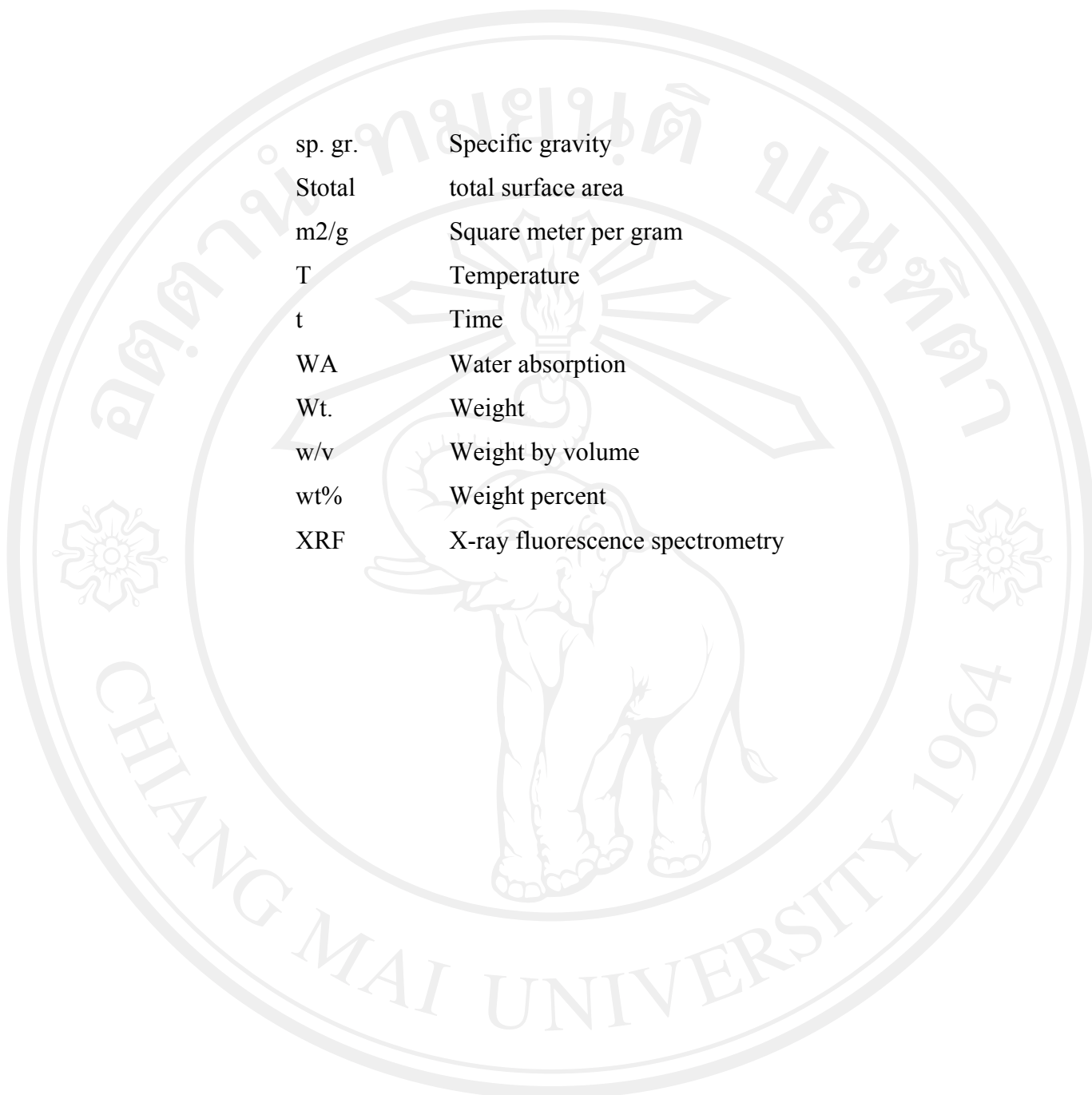
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ABBREVIATIONS AND SYMBOLS

CEC	Cation exchange capacity
conc.	Concentration
oC	Degree Celcius
d	Diameter
Ce	Equilibrium concentration
AM	adsorbent material
FGD	Flue gas desulfurization
g	Gram
g/L	Gram per liter
g/mL	Gram per milliliter
hr.	Hours
C0	Initial concentration of the solution
KF	approximate indicator of adsorption capacity
L	Liter
L.O.I.	Loss on ignition
µm	Micrometer
µmoles	Micromoles
mg/L	Miligram per liter
mL	Milliliter
mm	Millimeter
mmolg-1	Millimole per gram
min	Minute
M	Molar
M.W.	Molecular weight
ppm	Part per million
%	Percent
qmax	Saturation limit
s	Second



sp. gr.	Specific gravity
Stotal	total surface area
m ² /g	Square meter per gram
T	Temperature
t	Time
WA	Water absorption
Wt.	Weight
w/v	Weight by volume
wt%	Weight percent
XRF	X-ray fluorescence spectrometry