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ABBREVIATIONS AND SYMBOLS

^{o}C	Degree Celcius
dm^3	Cubic decimeter
XRD	X-ray diffractometryanalysis
XRF	X-ray fluorescencespectrometry
BET	BrunauerEmmett and Teller
CEC	Cation exchange capacity
AAS	Atomic absorption spectroscopy
SEM	Scanning Electron Microscopy
g	Gram
mg/L	Milligram per liter
mg/g	Milligram per gram
m^2/g	Square meter per gram
cmol/kg	Centi-mol per kilogram
mmol/g	Millimole per gram
h	Hours
M	Molar
mol	Mole
ml	Milliliter
nm	nanometer
L	Liter
M.W	Molecular weight

pH	Power of hydrogen ion
%	Percent
v/v	Volume by volume
V	Volume
W	Weight