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ABBREVIATIONS AND SYMBOLS

AU	absorbance unit
CL	chemiluminescence
cm	centimeter
^{o}C	degree celsius
DI	deionize water
ESI	electron electrospray ionization
EtOAc	ethyl acetate
EU	europium union
FIA	flow injection analysis
g	gram
GC	gas chromatography
h	hour
HPLC	high performance liquid chromatography
H_2O	water
i.d.	internal diameter
k	capacity or retention factor
kg	kilogram
L	liter
LAV	lab at valve
LOC	lab on a chip
LOD	limit of detection
LOQ	limit of quantitation
M	molar (mol L^{-1})
MC	mixing coil
MeOH	methanol
mg	milligram
min	minute
MIP	molecularly imprinted polymer

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mL	milliliter
mm	millimeter
MRPL	minimum required performance limit
MS	mass spectrometry
mV	milivoltage
n	number of measurement
NIP	non imprinted polymer
nm	nanometer
No.	number
pH	-log $[H^+]$
PMT	photomultiplier tube
PTFE	polytetrafluoroethylene
R.S.D	relative standard deviation
$Ru(bipy)_3^{2+}$	tris(2,2'-bipyridyl) ruthenium (II)
S.D	standard deviation
sec	second
SIA	sequential injection analysis
SPME	solid phase micro ectraction
TLC	thin layer chromatography
UV	ultraviolet
v/v	volume by volume
w/v	weight by volume
µg	microgram
µL	microliter
µm	micrometer
%	percentage
λ	wavelength
σ	standard deviation

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
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