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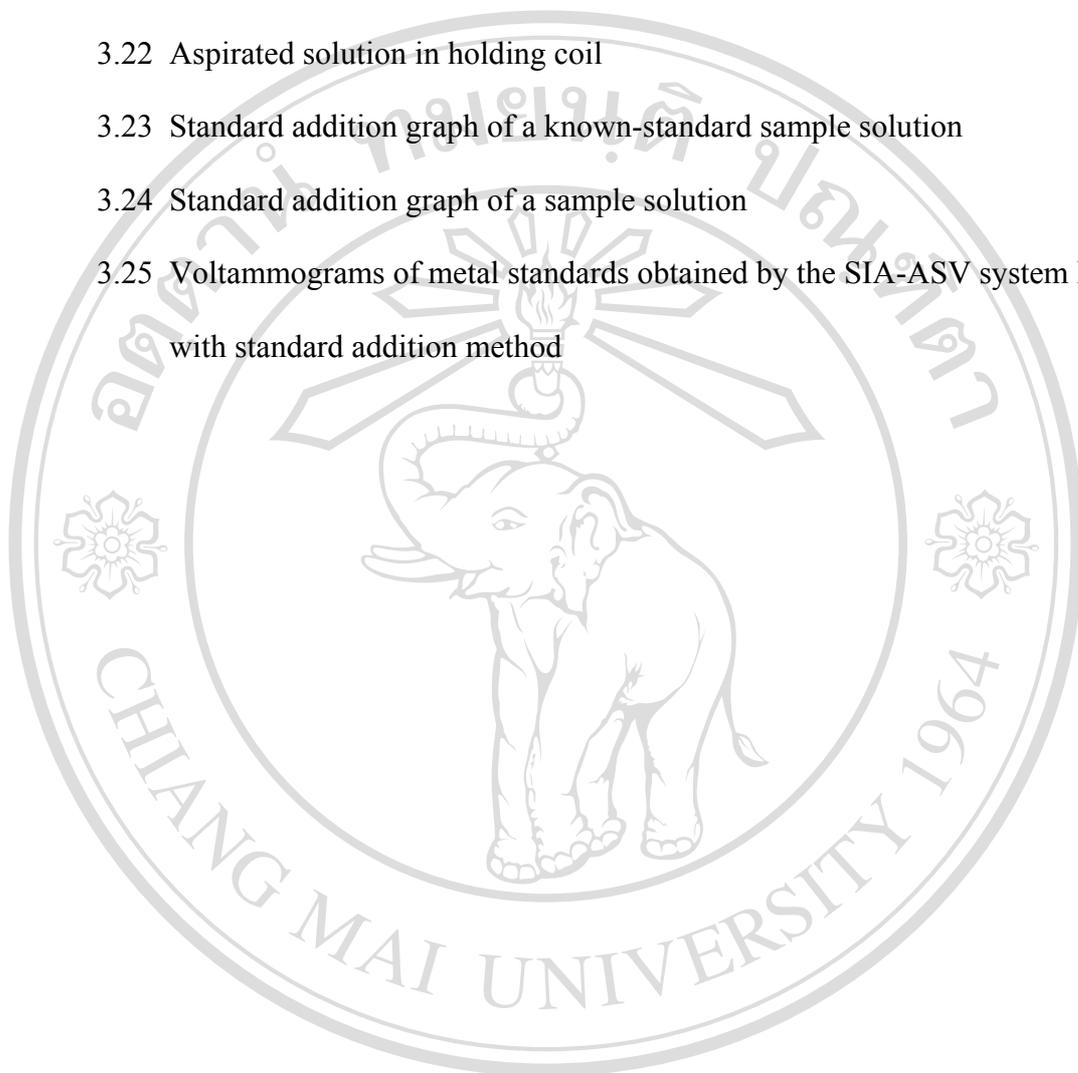
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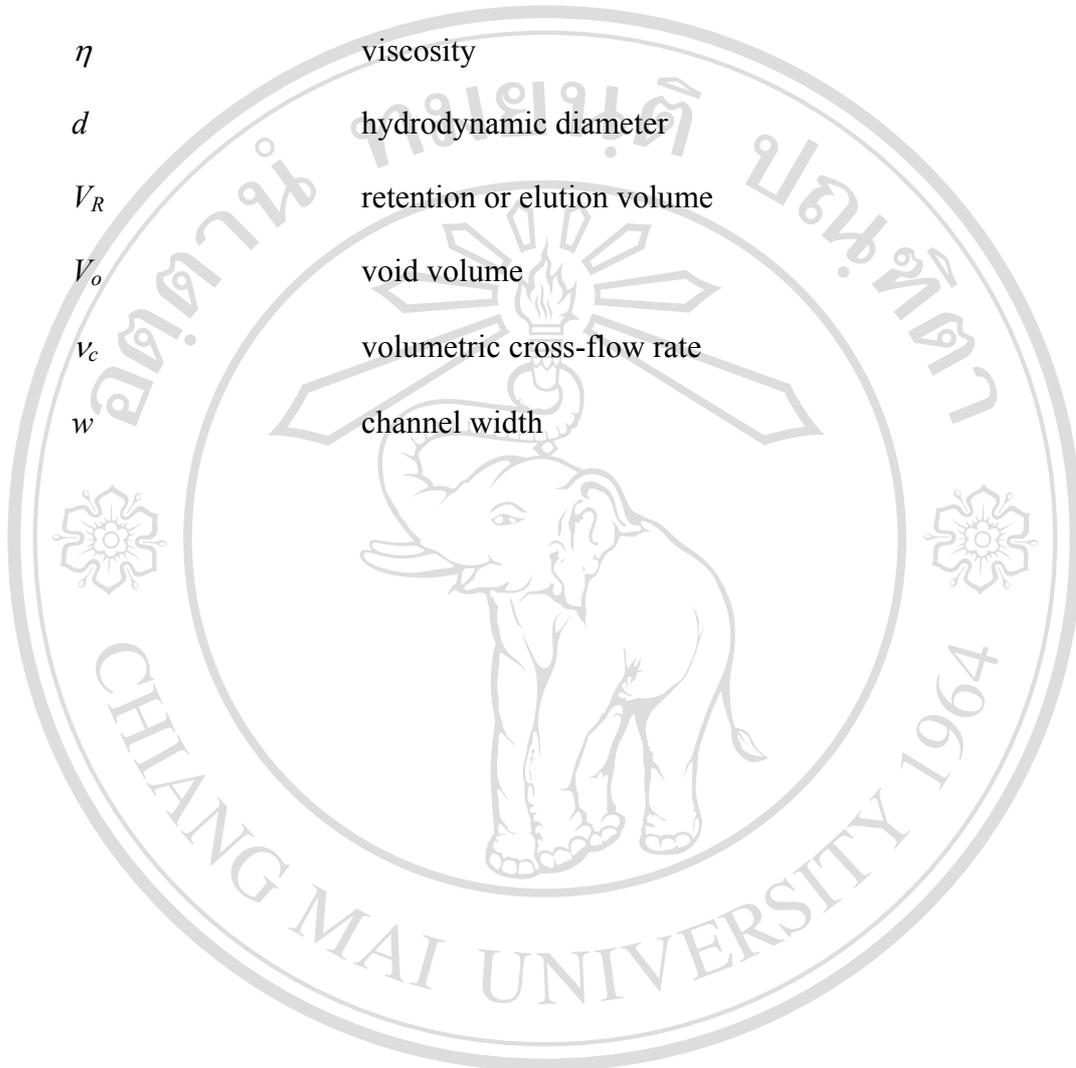
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ABBREVIATIONS AND SYMBOLS

AAS	atomic absorption spectrometry
AE	auxiliary electrode
Asym.FIFFF, AF ⁴	asymmetric flow field-flow fractionation
ASV	anodic stripping voltammetry
D	detector
FBA	flow-based analysis
FFF	field-flow fractionation
FIA	flow injection analysis
HMDE	hanging mercury drop electrode
HC	holding coil
ICP-AES	inductively coupled plasma-atomic emission spectrometry
ICP-MS	inductively coupled plasma-mass spectrometry
LIBD	laser-induced breakdown detector
MALLS	multiangle laser light scattering detector
MFE	mercury film electrode
PCS	photon correlation spectroscopy
RC	reaction coil
RE	reference electrode
SIA	sequential injection analysis
SV	stripping voltammetry
SWASV	square wave anodic stripping voltammetry

SWV	square wave voltammetry
TXRF	total reflection X-ray fluorescence
WE	working electrode
C_A	concentration of analyte
C	concentration of the dispersed solution zone
C^o	original concentration of the interested solution
C^{max}	concentration of the injected solution at the peak maximum of the dispersed zone
D_p	dispersion coefficient
H^o	peak height of the original concentration of the interested solution
H^{max}	maximum peak height of the dispersed zone
p	zone penetration
w_r	baseline width of reagent peak
w_s	baseline width of sample peak
w_o	baseline width of the zone overlap
E	potential
i	current
i_d	diffusion current
i_f	forward pulse current
i_p	peak current
E_p	peak potential
i_r	reverse pulse current
t_d	deposition time

D_f	diffusion coefficient
T	absolute temperature
η	viscosity
d	hydrodynamic diameter
V_R	retention or elution volume
V_o	void volume
v_c	volumetric cross-flow rate
w	channel width



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