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**LIST OF ABBREVIATIONS**

PVAALA	-	Polyvinyl alcohol-Alanine
PVAVAL	-	Polyvinyl alcohol-Valine
PVAGLU	-	Polyvinyl alcohol-Glutamic acid
PVAGLN	-	Polyvinyl alcohol-Glutamine
PVATYR	-	Polyvinyl alcohol-Tyrosine
PVATRP	-	Polyvinyl alcohol-Tryptophan
PVA-AA	-	Polyvinyl alcohol-selected amino acid
$\theta$	-	Surface Coverage
$E_{\text{corr}}$	-	Corrosion Potential
$I_{\text{corr}}$	-	Corrosion Current density
$b_a$	-	Anodic Tafel Slope
$b_c$	-	Cathodic Tafel Slope
$R_p$	-	Polarisation Resistance
$R_{\text{ct}}$	-	Charge Transfer Resistance
$C_{\text{dl}}$	-	Double Layer Capacitance
CR	-	Corrosion Rate
IE	-	Inhibition Efficiency
HCl	-	Hydrochloric acid