

ABBREVIATION

EC	-Enzyme Classification
RSM	- Response Surface Methodology
ANOVA	- Analysis of Variance
ANN	- Artificial Neural Network
ATPS	- Aqueous Two Phase System
PEG	-Polyethylene Glycol
NMR	- Nuclear Magnetic Resolution
DEAE	- Diethyl Aminoethyl
CM	-Carboxy Methyl
PAGE	-Poly Acrylamide Gel Electrophoresis
SDS	-Sodium Dodecyl Sulphate
MALDI-TOF	- Matrix-Assisted Laser Desorption/Ionization Time-Of-Flight
MS	-Mass Spectroscopy
PBS	-Phosphate Buffer Saline
Hep	-Human Hepatocellular Carcinoma Cell
HCT	- Human Colon Carcinoma Cell
NEAAs	-Non Essential Amino Acids
AcPyAD	-3-Acetyl Pyridine Adenine Dinucleotide
BSA	- Bovine Serum Albumin
MLP	-Multilayer Perceptron
LM	-Levenberg Marquardt
MSE	-Mean Squared Error

RMSE	-Root Mean Squared Error
AAD	-Absolute Average Deviation
CCD	-Central Composite Design
TRD	- Training Data
TTD	-Testing Data
VD	-Validation Data
DO	-Dissolved Oxygen
OUR	-Oxygen Uptake Rate
OTR	-Oxygen Transfer Rate
EDTA	-Ethylene Diamine Tetra Acetate
p-CMBA	- Para Chloromercuric Benzoic acid
IEF-PAGE	-Isoelectric Focusing of Polyacrylamide Gel Electrophoresis
pI	-Isoelectric Point
pNA	-Para Nitroanilide
Glu	-Glutamate
Gln	-Glutamine
Gly	-Glycine
Asn	-Asparagine
Ala	-Alanine
Val	-Valine
Leu	-Leucine
Ile	-Isoleucine
Cys	-Cysteine
Ser	-Serine

Lys	-Lysine
Arg	-Arginine
Asp	-Aspartate
His	-Histidine
Met	-Methionine
Phe	-Phenylalanine
Pro	-Proline
Trp	-Tryptophan
Tyr	-Tyrosine
Thr	-Threonine
FACTS	-Fast Analytical Continuum Treatment of Solvation
ATCC	-American Type of Culture Collection
MTCC	-Microbial Type of Culture Collection
NCIM	- National Collection of Industrial Microorganisms
PDB	-Protein Data Bank
NCBI	-National Center for Biotechnology Information
MTT	-3-(4, 5-Dimethylthiazol-2-yl)-2,5-Diphenyl Tetrazolium Bromide
DMSO	-Dimethyl Sulfoxide
IC	-Inhibition Concentration