

ABBREVIATIONS

ADH	Alcohol Dehydrogenase
AU	Arbitrary Units
<i>calA</i>	Coniferyl Alcohol Dehydrogenase
<i>calB</i>	Coniferyl Aldehyde Dehydrogenase
CADH	Coniferyl Alcohol Dehydrogenase
CCD	Central Composable Design
CFU	Cell Free Supernatant
cAMP	cyclic adenosine-3',5-cyclic monophosphate
cGMP	cyclic guanosine-3',5-cyclic monophosphate
CAD	Cinnamyl Alcohol Dehydrogenase
DNA	Deoxy Ribonucleic Acid
EDTA	Ethylene diamine tetraacetic acid
ehy	eugenol hydroxylase
EFA	Esterified Ferulic Acid
eugo	eugenol oxidase
FAO	Food and Agricultural Organization
FA	Ferulic Acid
FAD	Flavin adenine dinucleotide
FAE	Ferulic acid esterase
FDA	Food and Drug Administration
GRAS	Generally Recognized as safe
HPLC	High Pressure Liquid Chromatography
HSD	Hydroxysteroid dehydrogenase HSD
IL-8	Interleukin-8
LB	Lauria Broth
MDA	Malondialdehyde
NCBI	National Centre For Bioinformatics
NB	Nutrient broth
PCMH	p-cresol methylhydroxylase
RE	Restriction Enzymes
ROS	Reactive Oxygen Species.
RSM	Response surface methodology
SFE	Surface Fluid Extraction
SDR	Short Dehydrogenase Reductase
UV	Ultraviolet
<i>vao</i>	vannilyl alcohol oxidase
WHO	World Health Organization