Abbreviations

AAS – Atomic absorption spectroscopy
BOD – Biochemical oxygen demand
BS – Bio-surfactants
CAGR – Compound annual growth rate
CCEA – Cabinet committee of economic affairs
CIPHET – Central Institute of Post Harvesting Engineering & Technology
CFU – Colony forming units
CHN – Carbon Hydogen Nitrogen
CMC – Critical micelle concentration
CMD – Critical micelle dilution
COD – Chemical oxygen demand
DEPT – Distortionless enhancement by polarization transfer
DLS – Dynamic light scattering
DMSO – Dimethyl sulfoxide
EBP – Ethanol blending program
ELSD – Evaporative light scattering detector
ESIMS – Electrospray ionization mass spectrometry
FTIR – Fourier transform infrared spectroscopy
GDP – Gross domestic product
HMBC – Heteronuclear multiple – bond correlation
HPLC – High pressure liquid chromatography
HSQC – Heteronuclear single quantum coherence spectroscopy
IFT – Interfacial tension
ICP – Inductive coupled plasma
IMTECH – Institute of microbial technology
MEOR – Microbial enhanced oil recovery
MT – Million tons
NMR – Nuclear magnetic resonance spectroscopy
OOME – Olive oil mill effluent
PEG – Polyethylene glycol
PKN – Phosphorus potassium and nitrogen
ROESY – Rotating frame overhause effect spectroscopy
SANS – Small angle neutron scattering
SFT – Surface tension
SMF – Submerged fermentation
SSF – Solid state fermentation
SXAS – Small angle x-ray scattering
TDS – Total dissolved solid
TEM – Transmission electron microscopy
TLC – Thin layer chromatography
TOCSY – Total correlation spectroscopy
TSS – Total suspended solid
TDRI – Tropical development and research institute
VVM – Gas volume flow per unit liquid volume per minute
WAC – Wood based activated carbon