

LIST OF ABBREVIATIONS

FDP	Fructose1,6-diphosphate
DHAP	Dihydroxyacetone-phosphate
GAP	Glycerinaldehyde-3-phosphate
MRS	de-Man Rogosa sharpe
mMRS	modified MRS
pNPG	p- Nitrophenyl - α - galactopyranoside
AA	Acetic acid
LA	Lactic acid LA
TTA	Total titratable acidity
LAB	Lactic acid bacteria
α GOS	α - Galactooligosaccharides
ANFs	Anti-nutritional factors
NDO	Non-digestible oligosaccharides
RFO	Raffinose family of oligosacchraides
YE	Yeast extract
cfu	Colony forming unit
Trp	Tryptophan
Lys	Lysine
LDH	Lactate dehydrogenase
DNSA	3,5-dinitrosalicylic acid
PCR	Polymerase Chain Reaction
GRAS	Generally Recognized As Safe
IUPAC	International Union Pure And Applied Chemisty
NCBI	National Center for Biotechnology Information
MTCC	Microbial Type Culture Collection And Gene Bank
US	United States
FDA	Food and Drug Administration
GC–FID	Gas chromatography–flame ionization detection
HPLC	High performance liquid chromatography
TLC	Thin layer chromatography method
HCN	Hydrogen cyanide
HCL	Hydrochloric acid
H2SO4	Sulphuric acid
O2	Molecular oxygen
H2O	Water
MR	Methyl red
VP	Voges-Proskauer
CO2	Carbon dioxide
(NH4)2CO3	Ammonium carbonate
H2S	Hydrogen sulfide
R.S.D	relative standard deviation
OD	Optical density
R _f	Retention factor

UV	ultraviolet
RT	room temperature
rpm	revolutions per minute
min	minute
h	hour
µg	microgram
mg	milligram
g	gram
µl	microlitre
ml	millilitre
L	litre
α	alpha
β	beta
°C	degree Celsius
%	percentage
ANOVA	Analysis Of Variance