

List of Abbreviations

%	Percentage
a_w	Water Activity
μg	Micro gram
μl	Micro liter
a	Redness
AAS	Atomic Absorption Spectrophotometer
ANOVA	Analysis of variance
b	Yellowness
BD	Bulk density
$^{\circ}\text{C}$	Temperature
CFU	Colony Forming Unit
DE	Dextrose Equivalent
DPPH	2,2-diphenyl-1-picrylhydrazyl
DSC	Differential Scanning Calorimetry
ΔE	Total colour change
FRAP	Ferric reducing antioxidant property
FOS	Fructooligosaccharide
GRAS	Generally Regarded As Safe
RP-HPLC	Reverse-phase high performance liquid chromatography
kV	Kilo Volts
g	Gram
h	Hour
IBS/D	Inflammatory Bowel Syndrome/Disease
LAB	Lactic Acid Bacteria
La	<i>Lactobacillus acidophilus</i> MTCC447
Lp	<i>Lactobacillus plantarum</i> MTCC2621
Lr	<i>Lactobacillus rhamnosus</i> MTCC1408
MTCC	Microbial Type Culture Collection

min	Minute
MRS	de Man, Rogosa and Sharpe
MTT	3-(4,5-dimethylthiazolyl-2)-2 diphenyltetrazolium bromide
PBS	Phosphate buffer saline
RT	Retention time
SEM	Scanning Electron Microscope
SGJ	Simulated Gastric Juice
SIJ	Simulated intestinal juice
Tg	Glass transition Temperature
TD	Tapped density
TPC	Total phenolic content
TFC	Total flavonoid content
<i>L</i>	Lightness
LOD	Limits of detection
LOQ	Limits of quantitation
w/v	weight by volume
