

<b>List of Abbreviations</b>	
AA	Accelerated aging
AAPH	2, 2'-azobis (2-amidinopropane) dihydrochloride
ABTS	2,2'-azinobis-(3-ethylbenzothiazoline-6-sulfonic acid)
APS	Ammonium persulphate
APX	Ascorbate peroxidase
ASA	Ascorbate
AV	Acid Value
B-PE	$\beta$ -phycoerythrin
CAT	Catalase
CFPP	Cold filter plugging point
CN	Cetane number
CTAB	Cetyl Trimethyl Ammonium Bromide
DAG	diacylglycerol
DAPI	4, 6-Diamidino-2-phenylindole
DGAT	Diacylglycerolacyltransferase
DHA	Dehydroascorbate
DHAR	Dehydroascorbate reductase
DPPH	2, 2-Diphenyl-1-picrylhydrazyl
DTT	Dithiothreitol
DU	Degree of unsaturated fatty acids
EDTA	Ethylenediaminetetraacetic acid
FAA	Formaldehyde-acetic acid- ethanol
FFA	Free Fatty Acids
FRAP	Ferric reducing antioxidant power
GPAT	Glycerol-3-phosphate acyltransferase
GR	Glutathione reductase
GSH	Reduced glutathione

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GSSG	Oxidized glutathione
HPLC	High performance liquid chromatography
IV	Iodine Value
LPAAT	Lysophosphatidic acidacyl transferase
MDA	Malondialdehyde
MDHA	Monodehydroascorbate
MDHAR	Monodehydroascorbate reductase
MSR	Methionine sulfoxide reductase
ORAC	Oxygen radical absorbance capacity
OS	Oxidation stability
PBS	Phosphate-buffered saline
PC	Phosphatidylcholine
PI	Propidium Iodide
PIMT	L-Isoaspartyl O-methyltransferase
POD	Peroxidase
PV	Peroxide Value
PVP	Polyvinylpyrrolidone
RIN	RNA integrity number
RON	Reactive nitrogen species
ROS	Reactive oxygen species
SDS	Sodium dodecyl sulfate
SDS-PAGE	Sodium dodecyl sulfate polyacrylamide gel electrophoresis
SOD	Superoxide dismutase
SSAA	Saturated salt accelerated aging
SV	Saponification Value
TAE	Tris-acetate-EDTA
TAG	Triacylglycerol
TBA	Thiobarbituric acid

TBA	Tertiary - butanol
TCA	Trichloroacetic acid
TEAC	Trolox equivalent antioxidant capacity
TEMED	N,N,N',N'- Tetramethylethylenediamine
Tris Hcl	Trisaminomethane hydrochloride
Trolox	6-hydroxy-2,5,7,8-tetramethylchroman-2-carboxylic acid