Supplementary Materials

Table Supplementary 1. Normality test of Shapiro-Wilk after dataset transformations.

Variable[1,2]	*p*-value of Shapiro-Wilk[3,4,5]								
	No transformation	**Standardize (n-1)**	**Standardize (n)**	**Centre**	**Standard deviation^{-1} (n-1)**	**Standard deviation^{-1} (n)**	**Rescale from 0 to 1**	**Rescale from 0 to 100**	**Pareto**
Triacylglycerol (TAG)[1]									
LLLn	***0.0057***	**0.0185**	**0.0185**	**0.0185**	**0.0185**	**0.0185**	**0.0185**	**0.0185**	**0.0185**
LLL	0.1575	0.5358	0.5358	0.5358	0.5358	0.5358	0.5358	0.5358	0.5358
OLL	0.5867	*0.4699*	0.4699	0.4699	0.4699	0.4699	0.4699	0.4699	0.4699
PLL	0.2661	*0.1054*	0.1054	0.1054	0.1054	0.1054	0.1054	0.1054	0.1054
MPL	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
OOL	0.0501	***0.0491***	**0.0491**	**0.0491**	**0.0491**	**0.0491**	**0.0491**	**0.0491**	**0.0491**
POL	***0.0332***	0.0667	0.0667	0.0667	0.0667	0.0667	0.0667	0.0667	0.0667
PPL	***0.0196***	**0.0086**	**0.0086**	**0.0086**	**0.0086**	**0.0086**	**0.0086**	**0.0086**	**0.0086**
OOO	0.8236	*0.8747*	0.8747	0.8747	0.8747	0.8747	0.8747	0.8747	0.8747
POO	0.3895	*0.3916*	0.3916	0.3916	0.3916	0.3916	0.3916	0.3916	0.3916
PPO	***0.0210***	**0.0143**	**0.0143**	**0.0143**	**0.0143**	**0.0143**	**0.0143**	**0.0143**	**0.0143**
PPP	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
SOO	***< 0.0001***	**0.0001**	**0.0001**	**0.0001**	**0.0001**	**0.0001**	**0.0001**	**0.0001**	**0.0001**
SPO	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
PPS	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
SOS	***< 0.0001***	**0.0002**	**0.0002**	**0.0002**	**0.0002**	**0.0002**	**0.0002**	**0.0002**	**0.0002**
SSS	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
MMM	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
PSO	***< 0.0001***	**0.0001**	**0.0001**	**0.0001**	**0.0001**	**0.0001**	**0.0001**	**0.0001**	**0.0001**
Thermal property (TP)[2]									
ICT	***0.0010***	**0.0234**	**0.0234**	**0.0234**	**0.0234**	**0.0234**	**0.0234**	**0.0234**	**0.0234**
CT1	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
CT2	0.1464	*0.1464*	0.1464	0.1464	0.1464	0.1464	0.1464	0.1464	0.1464
CT3	***0.0038***	**0.0030**	**0.0030**	**0.0030**	**0.0030**	**0.0030**	**0.0030**	**0.0030**	**0.0030**
CT4	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
CT5	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
CT6	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
FCT	***0.0130***	**0.0352**	**0.0352**	**0.0352**	**0.0352**	**0.0352**	**0.0352**	**0.0352**	**0.0352**

Variable[1,2]	*p*-value of Shapiro-Wilk[3,4,5]								
	No transformation	**Standardize (n-1)**	**Standardize (n)**	**Centre**	**Standard deviation^{-1} (n-1)**	**Standard deviation^{-1} (n)**	**Rescale from 0 to 1**	**Rescale from 0 to 100**	**Pareto**
IHT	***0.0002***	**0.0008**	**0.0008**	**0.0008**	**0.0008**	**0.0008**	**0.0008**	**0.0008**	**0.0008**
HT1	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
HT2	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
HT3	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
HT4	***0.0424***	**0.0436**	**0.0436**	**0.0436**	**0.0436**	**0.0436**	**0.0436**	**0.0436**	**0.0436**
HT5	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
HT6	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
FHT	***0.0002***	**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.0050**	**0.0050**

Note:

[1]LLLn = dilinoleoyl-3-linolenileoyl glycerol, LLL = trilinoleoyl glycerol, MMM = trimyristoyl glycerol, dilinoleoyl-1-oleoyl glycerol (OLL), PLL = dilinoleoyl-1-palmitoyl glycerol, MPL = myristoyl- palmitoyl-linoleoyl glycerol, OOL = dioleoyl-3-linoleoyl glycerol, POL = palmitoyl-oleoyl-linoleoyl glycerol, PPL = dipalmitoyl-1-linoleoyl glycerol, OOO = trioleoyl glycerol, POO = dioleoyl-1-palmitoyl glycerol, PPO = dipalmitoyl-3-oleoyl glycerol, PPP = tripalmitoyl glycerol, SOO = dioleoyl-1-stearoyl glycerol, PSO = palmitoyl-stearoyl-oleoyl glycerol, PPS = dipalmitoyl-3-stearoyl glycerol, SSS = tristearoyl glycerol, SOS = 1,3-distearoyl-2-oleoyl and SPO = 1-stearoyl-2-palmitoyl-3-oleoylrac-glycerol.

[2]ICT = initial cooling temperature, CT = cooling temperature, FCT = final cooling temperature, IHT = initial heating temperature, HT = heating temperature and FHT = final heating temperature.

[3]Null hypothesis (H_0) = The triacylglycerols (TAGs) and thermal properties (TPs) of the dataset followed a normal distribution while alternative hypothesis (H_a) = The amino acids from the dataset did not follow a normal distribution at $p < 0.05$.

[4]Bold p-value indicated p-value < 0.05, thus this study accepted the H_a, indicated that the TAGs and TPs did not follow a normal distribution.

[5]Tansformation method with bold and italic p-value was selected as the best transformation method and the transformed observation was subjected to further dataset analysis.

Table Supplementary 2. Normality test of Anderson-Darling after dataset transformations.

Variable[1,2]	*p*-value of Anderson-Darling[3,4]								
	No transformation	**Standardize (n-1)**	**Standardize (n)**	**Centre**	**Standard deviation^{-1} (n-1)**	**Standard deviation^{-1} (n)**	**Rescale from 0 to 1**	**Rescale from 0 to 100**	**Pareto**
Triacylglycerol (TAG)[1]									
LLLn	***0.0075***	**0.0195**	**0.0195**	**0.0195**	**0.0195**	**0.0195**	**0.0195**	**0.0195**	**0.0195**
LLL	0.1273	*0.3316*	0.3316	0.3316	0.3316	0.3316	0.3316	0.3316	0.3316
OLL	0.8771	0.7271	0.7271	0.7271	0.7271	0.7271	0.7271	0.7271	0.7271
PLL	0.3244	0.1205	0.1205	0.1205	0.1205	0.1205	0.1205	0.1205	0.1205
MPL	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
OOL	0.0884	0.0898	0.0898	0.0898	0.0898	0.0898	0.0898	0.0898	0.0898
POL	0.0789	0.1097	0.1097	0.1097	0.1097	0.1097	0.1097	0.1097	0.1097
PPL	0.0586	***0.0225***	**0.0225**	**0.0225**	**0.0225**	**0.0225**	**0.0225**	**0.0225**	**0.0225**
OOO	0.6220	0.7029	0.7029	0.7029	0.7029	0.7029	0.7029	0.7029	0.7029
POO	0.5632	0.6529	0.6529	0.6529	0.6529	0.6529	0.6529	0.6529	0.6529
PPO	0.0612	***0.0376***	**0.0376**	**0.0376**	**0.0376**	**0.0376**	**0.0376**	**0.0376**	**0.0376**
PPP	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
SOO	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
SPO	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
PPS	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
SOS	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
SSS	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
MMM	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
PSO	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
Thermal property (TP)[2]									
ICT	***0.0008***	0.0608	0.0608	0.0608	0.0608	0.0608	0.0608	0.0608	0.0608
CT1	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
CT2	0.1715	0.1715	0.1715	0.1715	0.1715	0.1715	0.1715	0.1715	0.1715
CT3	***0.0020***	**0.0009**	**0.0009**	**0.0009**	**0.0009**	**0.0009**	**0.0009**	**0.0009**	**0.0009**
CT4	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
CT5	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
CT6	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
FCT	***0.0217***	0.0536	0.0536	0.0536	0.0536	0.0536	0.0536	0.0536	0.0536
IHT	***< 0.0001***	**0.0002**	**0.0002**	**0.0002**	**0.0002**	**0.0002**	**0.0002**	**0.0002**	**0.0002**

Variable[1,2]	*p*-value of Anderson-Darling[3,4]								
	No transformation	**Standardize (n-1)**	**Standardize (n)**	**Centre**	**Standard deviation^{-1} (n-1)**	**Standard deviation^{-1} (n)**	**Rescale from 0 to 1**	**Rescale from 0 to 100**	**Pareto**
HT1	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
HT2	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
HT3	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
HT4	0.0855	0.0924	0.0924	0.0924	0.0924	0.0924	0.0924	0.0924	0.0924
HT5	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
HT6	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
FHT	***< 0.0001***	**0.0029**	**0.0029**	**0.0029**	**0.0029**	**0.0029**	**0.0029**	**0.0029**	**0.0029**

Note:

[1]LLLn = dilinoleoyl-3-linolenileoyl glycerol, LLL = trilinoleoyl glycerol, MMM = trimyristoyl glycerol, dilinoleoyl-1-oleoyl glycerol (OLL), PLL = dilinoleoyl-1-palmitoyl glycerol, MPL = myristoyl- palmitoyl-linoleoyl glycerol, OOL = dioleoyl-3-linoleoyl glycerol, POL = palmitoyl-oleoyl-linoleoyl glycerol, PPL = dipalmitoyl-1-linoleoyl glycerol, OOO = trioleoyl glycerol, POO = dioleoyl-1-palmitoylglycerol, PPO = dipalmitoyl-3-oleoyl glycerol, PPP = tripalmitoyl glycerol, SOO = dioleoyl-1-stearoyl glycerol, PSO = palmitoyl-stearoyl-oleoyl glycerol, PPS = dipalmitoyl-3-stearoyl glycerol, SSS = tristearoyl glycerol, SOS = 1,3-distearoyl-2-oleoyl and SPO = 1-stearoyl-2-palmitoyl-3-oleoylrac-glycerol.

[2]ICT = initial cooling temperature, CT = cooling temperature, FCT = final cooling temperature, IHT = initial heating temperature, HT = heating temperature and FHT = final heating temperature.

[3]Null hypothesis (H_0) = The triacylglycerols (TAGs) and thermal properties (TPs) of the dataset followed a normal distribution while alternative hypothesis (H_a) = The amino acids from the dataset did not follow a normal distribution at $p < 0.05$.

[4]Bold p-value indicated p-value < 0.05, thus this study accepted the H_a, indicated that the TAGs and TPs did not follow a normal distribution.

[5]Tansformation method with bold and italic p-value was selected as the best transformation method and the transformed observation was subjected to further dataset analysis.

Table Supplementary 3. Normality test of Lilliefors after dataset transformation.

Variable[1,2]	*p*-value of Lilliefors[3,4]								
	No transformation	**Standardize (n-1)**	**Standardize (n)**	**Centre**	**Standard deviation^{-1} (n-1)**	**Standard deviation^{-1} (n)**	**Rescale from 0 to 1**	**Rescale from 0 to 100**	**Pareto**
Triacylglycerol (TAG)[1]									
LLLn	***0.0218***	0.2267	0.2267	0.2267	0.2267	0.2267	0.2267	0.2267	0.2267
LLL	0.1147	*0.2023*	0.2023	0.2023	0.2023	0.2023	0.2023	0.2023	0.2023
OLL	0.8767	*0.4992*	0.4992	0.4992	0.4992	0.4992	0.4992	0.4992	0.4992
PLL	0.6168	*0.4011*	0.4011	0.4011	0.4011	0.4011	0.4011	0.4011	0.4011
MPL	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
OOL	0.1392	*0.1123*	0.1123	0.1123	0.1123	0.1123	0.1123	0.1123	0.1123
POL	0.2131	*0.2617*	0.2617	0.2617	0.2617	0.2617	0.2617	0.2617	0.2617
PPL	0.1835	*0.0553*	0.0553	0.0553	0.0553	0.0553	0.0553	0.0553	0.0553
OOO	0.5020	*0.5529*	0.5529	0.5529	0.5529	0.5529	0.5529	0.5529	0.5529
POO	0.6700	*0.7442*	0.7442	0.7442	0.7442	0.7442	0.7442	0.7442	0.7442
PPO	0.1776	*0.0808*	0.0808	0.0808	0.0808	0.0808	0.0808	0.0808	0.0808
PPP	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
SOO	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
SPO	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
PPS	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
SOS	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
SSS	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
MMM	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
PSO	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
Thermal property (TP)[2]									
ICT	***0.0302***	0.1126	0.1126	0.1126	0.1126	0.1126	0.1126	0.1126	0.1126
CT1	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
CT2	0.1401	*0.1401*	0.1401	0.1401	0.1401	0.1401	0.1401	0.1401	0.1401
CT3	***0.0001***	**0.0003**	**0.0003**	**0.0003**	**0.0003**	**0.0003**	**0.0003**	**0.0003**	**0.0003**
CT4	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
CT5	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
CT6	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
FCT	***0.0094***	**0.0327**	**0.0327**	**0.0327**	**0.0327**	**0.0327**	**0.0327**	**0.0327**	**0.0327**
IHT	***0.0001***	**0.0004**	**0.0004**	**0.0004**	**0.0004**	**0.0004**	**0.0004**	**0.0004**	**0.0004**
HT1	***0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
HT2	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**

Variable[1,2]	*p*-value of Lilliefors[3,4]								
	No transformation	**Standardize (n-1)**	**Standardize (n)**	**Centre**	**Standard deviation^{-1} (n-1)**	**Standard deviation^{-1} (n)**	**Rescale from 0 to 1**	**Rescale from 0 to 100**	**Pareto**
HT3	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
HT4	0.0968	0.0741	0.0741	0.0741	0.0741	0.0741	0.0741	0.0741	0.0741
HT5	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
HT6	***< 0.0001***	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**	**< 0.0001**
FHT	***0.0006***	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**	**0.0010**

Note:

[1]LLLn = dilinoleoyl-3-linolenileoyl glycerol, LLL = trilinoleoyl glycerol, MMM = trimyristoyl glycerol, dilinoleoyl-1-oleoyl glycerol (OLL), PLL = dilinoleoyl-1-palmitoyl glycerol, MPL = myristoyl- palmitoyl-linoleoyl glycerol, OOL = dioleoyl-3-linoleoyl glycerol, POL = palmitoyl-oleoyl-linoleoyl glycerol, PPL = dipalmitoyl-1-linoleoyl glycerol, OOO = trioleoyl glycerol, POO = dioleoyl-1-palmitoyl glycerol, PPO = dipalmitoyl-3-oleoyl glycerol, PPP = tripalmitoyl glycerol, SOO = dioleoyl-1-stearoyl glycerol, PSO = palmitoyl-stearoyl-oleoyl glycerol, PPS = dipalmitoyl-3-stearoyl glycerol, SSS = tristearoyl glycerol, SOS = 1,3-distearoyl-2-oleoyl and SPO = 1-stearoyl-2-palmitoyl-3-oleoylrac-glycerol.

[2]ICT = initial cooling temperature, CT = cooling temperature, FCT = final cooling temperature, IHT = initial heating temperature, HT = heating temperature FHT = final heating temperature.

[3]Null hypothesis (H_0) = The triacylglycerols (TAGs) and thermal properties (TPs) of the dataset followed a normal distribution while alternative hypothesis (H_a) = The amino acids from the dataset did not follow a normal distribution at $p < 0.05$.

[4]Bold p-value indicated p-value < 0.05, thus this study accepted the H_a, indicated that the TAGs and TPs did not follow a normal distribution.

[5]Tansformation method with bold and italic p-value was selected as the best transformation method and the transformed observation was subjected to further dataset analysis.