

Claims

1. A fat composition suitable for use as a cocoa butter equivalent, wherein the fat composition comprises triglycerides of which 60% by weight or more is Sat_2O , wherein Sat is selected from St, P, or combinations hereof; and
wherein, in the fat composition, the content of St_2O is 40% by weight or less, and the total content of $\text{StOP} + \text{StPO} + \text{St}_2\text{O}$ is 60% by weight or less, wherein O is oleic acid, St is stearic acid, and P is palmitic acid; and
wherein the fat composition has a Bühler crystallization index (BCI) value of ~~2.5~~3.2 or more.
2. The fat composition according to claim 1, wherein the fat composition has a BCI value of at least ~~2.6, such as at least 2.7, such as at least 2.8, such as at least 2.9, such as at least 3.0, such as at least 3.2, such as at least~~ 3.4, such as at least 3.6, such as at least 3.8, or such as at least 4.
3. The fat composition according to any of the preceding claims, wherein the fat composition has a BCI value between ~~2.5~~3.2 and 6.0, such as between 3.~~0~~2 and 5.0.
4. The fat composition according to any of the preceding claims, wherein the content of St_2O is 38% by weight or less.
5. The fat composition according to any of the preceding claims, wherein the content of St_2O is between 25 and 40% by weight, such as between 25 and 38 % by weight, such as between 27 and 38% by weight, such as between 30 and 38% by weight, or such as between 32 and 38% by weight.
6. The fat composition according to any of the preceding claims, wherein the total content of $\text{StOP} + \text{StPO} + \text{St}_2\text{O}$ is 55% by weight or less, such as 52% by weight or less, such as 50% by weight or less, or such as 45% by weight or less.
7. The fat composition according to any of the preceding claims, wherein the total content of $\text{StOP} + \text{StPO} + \text{St}_2\text{O}$ is between 25 and 60% by weight, such as between 25 and 55% by weight, such as between 25 and 52% by weight, such as between 25 and 50% by weight, such as between 27 and 52% by weight, or such as between 27 and 50% by weight.

8. The fat composition according to any of the preceding claims, wherein the fat composition further comprises a fat and/or an oil originating from cocoa, mango, shea, illipe, sal, kokum, or combinations hereof.
9. The fat composition according to any of the preceding claims, wherein the fat composition comprises between 20 and 80% by weight of a vegetable fat composition, wherein the vegetable fat composition comprises triglycerides of which at least 60% by weight is Sat_2O , and wherein, in the vegetable fat composition, the ratio of $\text{SatOSat} / \text{SatSatO}$ is 12 or more, and the POP content is between 25 and 95% by weight.
10. The fat composition according to claim 9, wherein the vegetable fat composition comprises 2.9% by weight or less tri-saturated triglycerides.
11. The fat composition according to any of claims 9-10, wherein the ratio of $\text{SatOSat} / \text{SatSatO}$ is at least 14, such as at least 15, such as at least 16, such as at least 17, such as at least 18, such as at least 20, such as at least 21, such as at least 22, such as at least 23, such as at least 24, or such as at least 25.
12. The fat composition according to any of claims 9-11, wherein the total content of tri-saturated triglycerides in the vegetable fat composition is from 0.01 to 2.9% by weight, such as from 0.05 to 2.9% by weight, such as from 0.1 to 2.9% by weight, such as from 0.5 to 2.9% by weight, such as from 0.5 to 1.9% by weight, such as from 0.5 to 1.5%, or such as from 0.5 to 1.2% by weight.
13. The fat composition according to any of claims 9-12, wherein the vegetable fat composition comprises triglycerides of which from 50 to 95% by weight is Sat_2O , such as from 50 to 90% by weight, such as from 55 to 90% by weight, such as from 55 to 85% by weight, such as from 60 to 85% by weight, or such as from 60 to 80% by weight.
14. The fat composition according to any of claims 9-13, wherein the POP content of the vegetable fat composition is from 30 to 95% by weight, such as from 30 to 90% by weight, such as from 30 to 80% by weight, such as from 40 to 75% by weight, or such as from 45 to 70% by weight.

15. The fat composition according to any of claims 9-14, wherein the vegetable fat composition comprises monoglycerides (MAG) and diglycerides (DAG) in a total amount of 10% by weight or less, such as 8% by weight or less, such as 6% by weight or less, such as 5% by weight or less, or such as 4% by weight or less.
16. The fat composition according to any of the preceding claims, wherein said fat composition is a cocoa butter equivalent (CBE).
17. Use of the fat composition according to any one of the preceding claims in the manufacture of a food product for human consumption.
18. Use of the fat composition according to any one of the claims 1-16 as an ingredient in a food product.
19. Use according to claim 17, wherein said food product is a confectionary product.
20. Use according to claim 19, wherein said confectionary product is a chocolate or chocolate-like product or filling.