CLAIMS

1. An oil and fat adsorbing nanofiber aggregate, wherein

the oil and fat adsorbing nanofiber aggregate satisfies formulae (i) and (ii) below where the oil and fat adsorbing nanofiber aggregate has an average fiber diameter of d and a bulk density of ρ_b~~.~~

(i) $1000\ nm \leq d \leq 2000\ nm$

(ii) $0.01\ g/cm^3 \leq \rho_b \leq$ ~~0.2~~0.05 g/cm^3.

2. The oil and fat adsorbing nanofiber aggregate according to Claim 1, wherein the oil and fat adsorbing nanofiber aggregate further satisfies a formula (i') below~~.~~

(i') $1300\ nm \leq d \leq 1700\ nm$.

~~3. The oil and fat adsorbing nanofiber aggregate according to Claim 2, wherein the oil and fat adsorbing nanofiber aggregate further satisfies a formula (ii') below.~~

~~(ii') $0.01\ g/cm^3 \leq \rho_b \leq 0.05\ g/cm^3$~~

~~4~~3. The oil and fat adsorbing nanofiber aggregate according to Claim 1, wherein the oil and fat adsorbing nanofiber aggregate further satisfies a formula (iii) below where the oil and fat adsorbing nanofiber aggregate has a thickness of t~~.~~

(iii) $2\ mm \leq t \leq 5\ mm$.

~~5. A method for estimating an oil and fat suction rate, estimating an oil and fat suction rate M/m indicating a ratio of a mass M after oil and fat adsorption to a mass m before oil and fat adsorption in an oil and fat adsorbing nanofiber aggregate, wherein~~

~~the method calculates an estimate of the oil and fat suction rate M/m by a formula (iv) below~~

~~using a porosity η of the oil and fat adsorbing nanofiber aggregate, a density ρ of a fiber to constitute the oil and fat adsorbing nanofiber aggregate, and an oil and fat density ρ_o.~~

~~[Math 1]~~

~~(iv) $\frac{M}{m} = 1 + \frac{\eta\rho_o}{(1-\eta)\rho}$~~

~~6. A method for estimating a volume after oil and fat adsorption, estimating a volume V after oil and fat adsorption in an oil and fat adsorbing nanofiber aggregate, wherein~~

~~the method calculates an estimate of an oil and fat suction rate M/m indicating a ratio of a mass M after oil and fat adsorption to a mass m before oil and fat adsorption in the oil and fat adsorbing nanofiber aggregate by a formula (iv) below using a porosity η of the oil and fat adsorbing nanofiber aggregate, a density ρ of a fiber to constitute the oil and fat adsorbing nanofiber aggregate, and an oil and fat density ρ_o and~~

~~the method calculates an estimate of the volume V after oil and fat adsorption by a formula (v) below using the estimate of the oil and fat suction rate M/m, the mass m before oil and fat adsorption in the oil and fat adsorbing nanofiber aggregate, the density ρ of the fiber to constitute the oil and fat adsorbing nanofiber aggregate, the oil and fat density ρ_o.~~

~~[Math 2]~~

~~(iv) $\frac{M}{m} = 1 + \frac{\eta\rho_o}{(1-\eta)\rho}$~~

~~[Math 3]~~

~~(v) $V = \frac{(M/m)m - m}{\rho_o} + \frac{m}{\rho}$~~