CLAIMS

1. A culture information-generating device that inputs a measurement signal indicating a change in concentration of a target component contained in carbon dioxide (CO2)~~a gas~~ exhausted from a culture tank holding a virus-containing culture medium, and performs predetermined information processing on the measurement signal, thereby generating culture information indicating culture conditions of a virus~~.~~

~~2. The culture information-generating device according to claim 1,~~ wherein, when the virus is seeded and cultured in a predetermined cell that serves as nutrition for the virus in the culture tank, the generated culture information indicates that a maximum value of the concentration of the generated gas is generated a predetermined number of times.

~~3. The culture information-generating device according to claim 1 or 2, wherein the gas is carbon dioxide (CO2).~~

24. A culture device comprising:

a culture tank in which a virus is cultured;

an exhaust gas analyzer that analyzes and measures an exhaust gas exhausted from the culture tank and outputs a measurement signal indicating the measured result; and

the culture information-generating device set forth in claim 1.

~~5. A culture device comprising:~~

~~a culture tank in which a virus is cultured;~~

~~an exhaust gas analyzer that analyzes and measures an exhaust gas exhausted from the culture tank and outputs a measurement signal indicating the measured result; and~~

~~the culture information generating device set forth in claim 2.~~

~~6. A culture device comprising:~~

~~a culture tank in which a virus is cultured;~~

~~an exhaust gas analyzer that analyzes and measures an exhaust gas exhausted from the culture tank and outputs a measurement signal indicating the measured result; and~~

~~the culture information generating device set forth in claim 3.~~

3~~7~~. The culture device according to claim 2~~4~~, wherein the culture tank terminates culture of the virus based on the culture information.

~~8. The culture device according to claim 5, wherein the culture tank terminates culture of the virus based on the culture information.~~

~~9. The culture device according to claim 6, wherein the culture tank terminates culture of the virus based on the culture information.~~

4~~10~~. A culture method in which culture of a virus is terminated based on a change in concentration of a target component of carbon dioxide (CO2)~~a gas~~ generated by culturing the virus.

~~11. The culture method according to claim 10,~~ wherein, when the virus is seeded and cultured in a predetermined cell that serves as nutrition for the virus, culture of the virus is terminated when a maximum value of the concentration of the generated gas is generated a predetermined number of times.

~~12. The culture method according to claim 10 or 11, wherein the gas is carbon dioxide (CO2).~~