CLAIMS

1. A dental fluoroaluminosilicate glass powder,

a 50th percentile volume diameter of which is 5.0 μm or more and 9.0 μm or less, and

a 10th percentile volume diameter of which is 2.4 μm or more and 4.8 μm or less, and

a 90th percentile volume diameter of which is 16.2 μm or more and 20.0 μm or less.

2. The dental fluoroaluminosilicate glass powder according to claim 1, wherein the dental fluoroaluminosilicate glass powder is for a glass ionomer cement.

3. The dental fluoroaluminosilicate glass powder according to claim 1 or claim 2, wherein the dental fluoroaluminosilicate glass powder comprises:

1 to 30% by mass of fluorine;

0 to 15% by mass of sodium oxide;

15 to 35% by mass of aluminum oxide;

15 to 50% by mass of silicon oxide;

0 to 10% by mass of phosphorus(V) oxide;

0 to 10% by mass of potassium oxide;

0 to 40% by mass of strontium oxide; and

0 to 50% by mass of lanthanum oxide.

4. The dental fluoroaluminosilicate glass powder according to any one of claims 1 to 3, wherein the 10th percentile volume diameter of which is 3.2 μm or more and 4.8 μm or less.

5. A glass ionomer cement comprising:

the dental fluoroaluminosilicate glass powder of claim 1; and

an aqueous solution of a polycarboxylic acid-based polymer.

6. The glass ionomer cement according to claim 5, wherein the mass ratio of the dental fluoroaluminosilicate glass powder with respect to the aqueous solution of the polycarboxylic acid-based polymer is 2.8 to 4.0.

7. The glass ionomer cement according to claim 5 or claim 6, wherein a working time of the glass ionomer cement is 1 minute 15 seconds or more.

8. The glass ionomer cement according to any one of claims 5 to 7, wherein a compressive strength of a cured product of the glass ionomer cement is 200 MPa or more.