CLAIMS

1. A process for spray drying of a feed solution comprising semaglutide, said process comprising introducing the feed solution comprising semaglutide in a solvent into a spray dryer and introducing an atomising gas and a drying gas, characterised in that the spray dryer comprises a gas heater for the drying gas with an inner surface comprising iron, 10-18.5% chromium and 10-14% nickel.

2. The process according to claim 1, characterised in that the inner surface comprises 14-18.5% chromium.

3. The process according to claim 1, characterised in that the inner surface comprises 16-18% chromium.

4. The process according to any of the preceding claims, characterised in that the inner surface comprises 16-18% chromium and 10-14% nickel.

5. The process according to any one of the preceding claims, characterised in that the inner surface has a depth of 0.001 cm to 10 cm.

6. The process according to any one of the preceding claims, characterised in that the feed solution solvent comprises ethanol.

7. The process according to any one of the preceding claims, characterised in that the feed solution comprises 0.5-2.5% (w/w) semaglutide in 49-60% (w/w) aqueous ethanol.

8. The process according to any one of the preceding claims, characterised in that the drying gas is nitrogen.

9. The process according to any one of the preceding claims, characterised in that the drying gas is recirculated.

10. A process for spray drying of a feed solution comprising semaglutide, said process comprising introducing the feed solution comprising semaglutide in a solvent into a

spray dryer and introducing an atomising gas and a drying gas, characterised in that the spray dryer comprises a gas heater for the drying gas with an inner surface comprising iron, 16-18% chromium and 10-14% nickel, wherein the feed solution comprising 0.5-2.5% (w/w) semaglutide in 49-60% (w/w) aqueous ethanol.

11. The process according to any one of the preceding claims further comprising a step of formulating semaglutide obtained by said process into a pharmaceutical composition.

12. The process according to claim 11, wherein said pharmaceutical composition is a tablet.