CLAIMS

1. An insulin analogue, wherein the analogue comprises A9E or A9D and further comprises B3E and/or desB30 relative to human insulin.

2. The insulin analogue according to claim 1, wherein the analogue further comprises at least one of B26E, B27E and/ or B28E.

3. The insulin analogue according to claim 2, wherein the analogue additionally comprises the A21A substitution.

4. The insulin analogue according to any of the preceding claims, wherein the analogue is

A9E, B3E, B26E;
A9D, B3E, B26E, desB30;
A9E, B3E, B26E, desB30;
A9E, A21A, B3E, B26E, desB30;
A9E, B3E, B27E, B28E; or
A9E, B3E, B27E, B28E, desB30.

5. The insulin analogue according to claim 4, wherein the analogue is A9E, B3E, B26E, desB30.

6. The insulin analogue according to claim 4, wherein the analogue is A9E, B3E, B27E, B28E, desB30.

7. A pharmaceutical composition comprising an insulin analogue according to any one of claims 1-6, and one or more pharmaceutically acceptable excipients.

8. The pharmaceutical composition according to claim 7, wherein the insulin analogue is in a concentration of from 0.6mM to 3mM.

9. The pharmaceutical composition according to any one of claims 7-8, wherein the composition is free of zinc.

10. The pharmaceutical composition according to any one of claims 7-9, comprising a nicotinic compound, and in particular nicotinamide.

11. The pharmaceutical composition according to any one of claims 7-9, wherein the composition is free of a nicotinic compound, and in particular nicotinamide.

12. The insulin analogue according to any one of claims 1-6, wherein the insulin analogue is monomeric in a zinc free pharmaceutical composition.

13. The insulin analogue according to any one of claims 1-6, wherein the insulin analogue is chemically and/or physically stable in a zinc free pharmaceutical composition.

14. The insulin analogue according to any one of claims 1-6 or a pharmaceutically acceptable salt thereof or the pharmaceutical composition according to any one of claims 7-11, for use as a medicament.

15. Use of the insulin analogue according to any one of claims 1-6 in the manufacture of a medicament for the treatment, prevention or alleviation of a disease or disorder or condition of a human body, wherein the disease, disorder or condition relates to diabetes, in particular Type 1 diabetes, or Type 2 diabetes.