9. The method of any one of Claims 1 to 7, wherein the non-carboxylate iron salt is selected from a ferrous or a ferric salt, such as ferric chloride, ferric nitrate, ferrous chloride, ferrous sulphate and mixtures thereof.

10. The method of any one of Claims 1 to 8, wherein the hydroxypyrone is a hydroxy-4-pyrone.

11. The method according to Claim 9, wherein the hydroxy-4-pyrone is selected from the group consisting of: a 3-hydroxy-4-pyrone and a 3-hydroxy-4-pyrone in which one or more of the hydrogen atoms attached to the ring carbon atoms are replaced by an aliphatic hydrocarbon group having 1 to 6 carbon atoms.

12. The method according to any one of Claims 1 to 11, wherein the hydroxypyrone is selected from maltol, ethyl maltol and mixtures thereof.

13. The method according to any one of Claims 1 to 11, wherein the iron hydroxypyrone compound is an iron trihydroxypyrone, such ferric trihydroxypyrone, for example ferric trimaltol.

14. The method according to any one of Claims 1 to 13, wherein the aqueous solution comprises water in an amount of greater than 30% v/v of the total solution.

15. The method according to any one of Claims 1 to 14, wherein the aqueous solution comprises a base, such as an alkali metal hydroxide, in an amount of from about 10% to about 20% w/v, such as about 15% w/v.

16. The method according to any one of Claims 1 to 15, wherein the iron hydroxypyrone compound is precipitated from the aqueous solution to form a suspension comprising the precipitate and an aqueous solution, and wherein the precipitate is separated and collected from the suspension and, optionally, dried.

~~17. An iron hydroxypyrone compound obtainable by the method of any one of Claims 1 to 16.~~

~~18~~17. A pharmaceutical composition comprising an iron hydroxypyrone compound and an iron hydroxide.

~~19~~18. The composition according to Claim ~~18~~17, wherein the composition further comprises a hydroxypyrone compound, such as maltol, ethyl maltol and mixtures thereof.

~~20~~19. The composition according to Claim ~~18~~17 or Claim ~~19~~18, wherein the composition is in the form of a solid, such as, for example, a powder, capsule or tablet.

~~21~~20. The composition according to any one of Claims ~~18~~17 to ~~20~~19, wherein the iron hydroxide is present in the composition in an amount of less than 10 wt.% based on the weight of the composition, such as from 0.01 to 2 wt.%.

~~22~~21. A composition according to any one of Claims ~~18~~17 to ~~21~~20, for use in medicine.

~~23~~22. A composition according to any one of Claims ~~18~~17 to ~~22~~21, for use in treating and/or preventing anaemia, or for increasing the level of iron in a subject's bloodstream.

~~24~~23. Use of the composition according to any one of claims ~~18-22~~17 to 21 in the manufacture of a medicament for treating and/or preventing anaemia, or for increasing the level of iron in a subject's bloodstream.