7) The method of any of claims 1 to 6 wherein a ^{227}Ac radioactivity of at least 500 MBq is employed in step i).

8) The method of any of claims 1 to 7 wherein the strong base anion exchange resin is a polystyrene/divinyl benzene copolymer based resin, preferably containing1- 95 % DVB.

9) The method of any of claims 1 to 8 wherein the strong base anion exchange resin is an $R\text{-}N^{+}Me_3$ type (type I) resin or an $R\text{-}N^{+}Me_2CH_2CH_2OH$ (Type II) resin.

10) The method of any of claims 1 to 9 wherein the first mineral acid is an acid selected from H_2SO_4 and HNO_3, preferably HNO_3.

11) The method of any of claims 1 to 10 wherein the first mineral acid is used at a concentration of 0.01 to 5 M.

12) The method of any of claims 1 to 11 wherein the alcoholic aqueous solution comprises at least one alcohol selected from methanol, ethanol and isopropanol , preferably methanol.

13) The method of any of claims 1 to 12 wherein the alcoholic aqueous solution may comprises 20 to 99% methanol.

14) The method of any of claims 1 to 13 wherein the first eluted solution has a contamination level of no more than 100 Bq ^{227}Ac per 1MBq ^{223}Ra.

15) The method of any of claims 1 to 14 wherein the steps of loading the generator mixture onto the base anion exchange resin and eluting the first eluted ^{223}Ra solution provide a separation ratio of ^{223}Ra to ^{227}Ac of at least 10,000:1.

16) The method of any of claims 1 to 14 wherein the strong acid cation exchange resin is a polystyrene/divinyl benzene copolymer based resin, preferably containing 1- 95 % DVB.

17) The method of any of claims 1 to 14 wherein the strong acid cation exchange resin is of SO_3H type.

18) The method of any of claims 1 to 14 wherein the second mineral acid is an acid selected from H_2SO_4, HNO_3 and HCl, preferably HNO_3.

19) The method of any of claims 1 to 14 wherein the second mineral acid is used at a concentration of 0.5 to 5 M.

20) The method of any of claims 1 to 14 wherein the aqueous solution preferably does not comprise any significant amount of any alcohol selected from methanol, ethanol and isopropanol. ~~Preferably the aqueous solution is substantially free of methanol;~~

21) The method of claim 20, wherein the aqueous solution preferably does not comprise any significant amount of methanol.

~~21~~22) The method of any of claims 1 to 14 wherein the second eluted solution has a contamination level of no more than 45 Bq ^{227}Ac per 1MBq ^{223}Ra.

~~22) ^{223}Ra comprising less than 45 Bq ^{227}Ac per 1MBq ^{223}Ra.~~

~~23) ^{223}Ra as claimed in claim 22 formed or formable by a method as claimed in any of claims 1 to 21.~~

~~24) A pharmaceutical composition comprising the ^{223}Ra as claimed in any of claims 22 to 23 and optionally at least one pharmaceutically acceptable diluent.~~