CLAIMS

1. A root canal dental paste comprising:

a first partially set portion comprising an amount of a ground combination of a calcium cement-based setting material and at least one antibiotic compound, wherein the at least once calcium cement-based setting material is selected from the group consisting of calcium sulphate, calcium phosphate, calcium chloride and calcium silicate, the at least one calcium cement material being in a dihydrate form; and

a second portion comprising at least one inert non-settable material selected from the group consisting of zinc oxide, polyethylene glycol, and silicon oxide, and at least one antibiotic compound and / or at least one compound selected from the group consisting of steroidal and non-steroidal compounds, wherein the first partially set portion and second portion are subsequently combined to form a paste, and wherein the at least one antibiotic compound is incorporated into a matrix formed by the first partially set portion.

2. The dental paste of claim 1 wherein the concentration of antibiotic is 1 – 10% w/w.

3. The dental paste of claim 1 wherein the concentration of the at least one calcium cement material is 20 - 50% w/w.