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(54) **CRYSTALLINE FORMS OF SITAGLIPTIN PHOSPHATE**

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(52) **U.S. Cl.** **544/350**

(57) **ABSTRACT**

A Sitagliptin phosphate characterized by data selected from the group consisting of: a powder XRD pattern with peaks at 4.7, 13.5, 17.7, 18.3, and 23.7±0.2 degrees two theta; a powder XRD pattern with peaks at about 4.7, 13.5, and 15.5±0.2 degrees two theta and at least another two peaks selected from the following list: 14.0, 14.4, 18.3, 19.2, 19.5 and 23.7±0.2 degrees two theta; and a powder XRD pattern with peaks at about 13.5, 19.2, and 19.5±0.2 degrees two theta and at least another two peaks selected from the following list: 4.7, 14.0, 15.1, 15.5, 18.3, and 18.7±0.2 degrees two theta; a powder XRD pattern with peaks at about 13.5, 15.5, 19.2, 23.7, and 24.4±0.2 degrees two theta; and a powder XRD pattern with peaks at about 4.65, 13.46, 17.63, 18.30, and 23.66±0.10 degrees two theta, processes for preparing said Sitagliptin crystalline form, and pharmaceutical compositions thereof, are provided.

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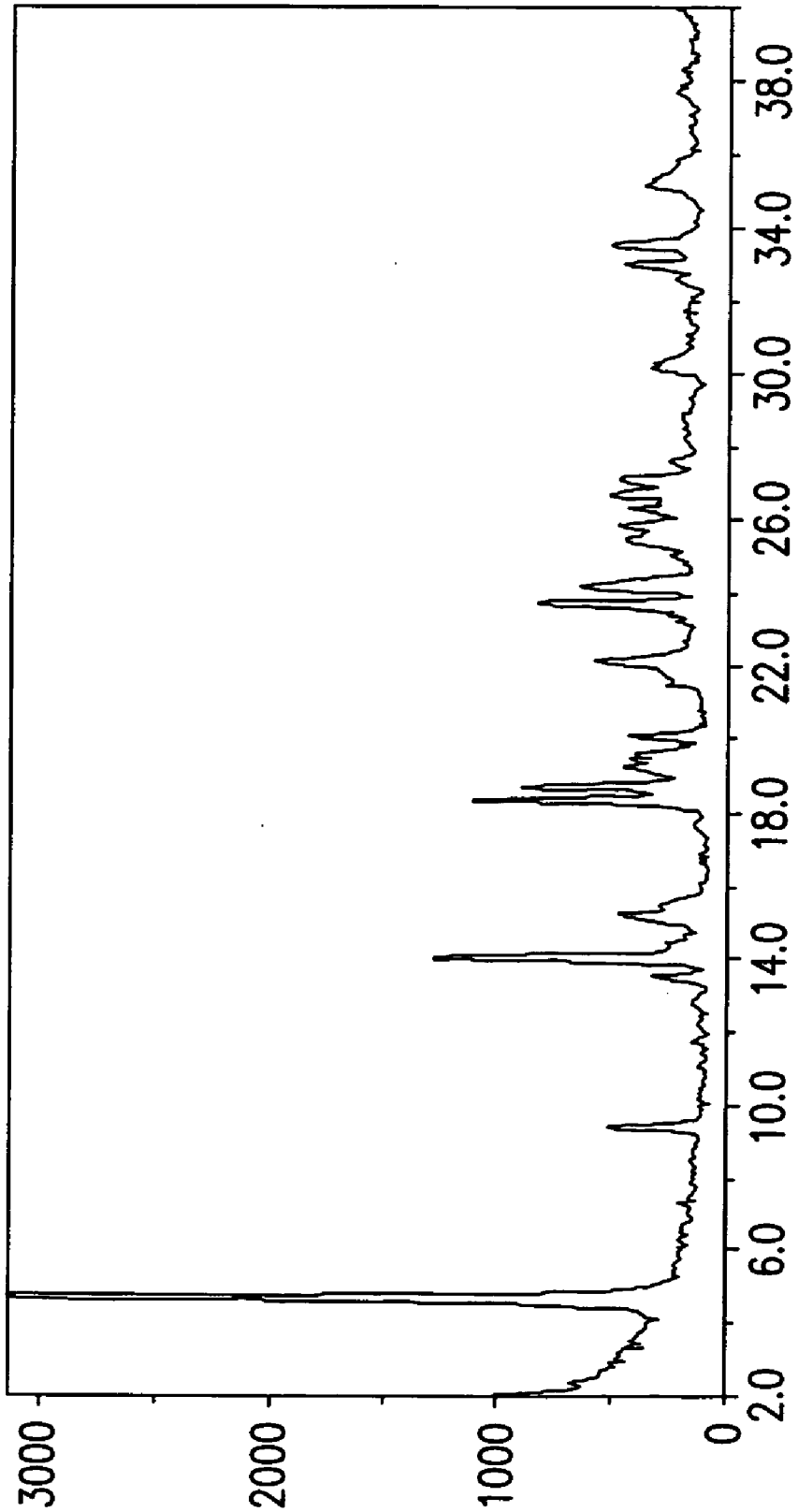


FIG.1

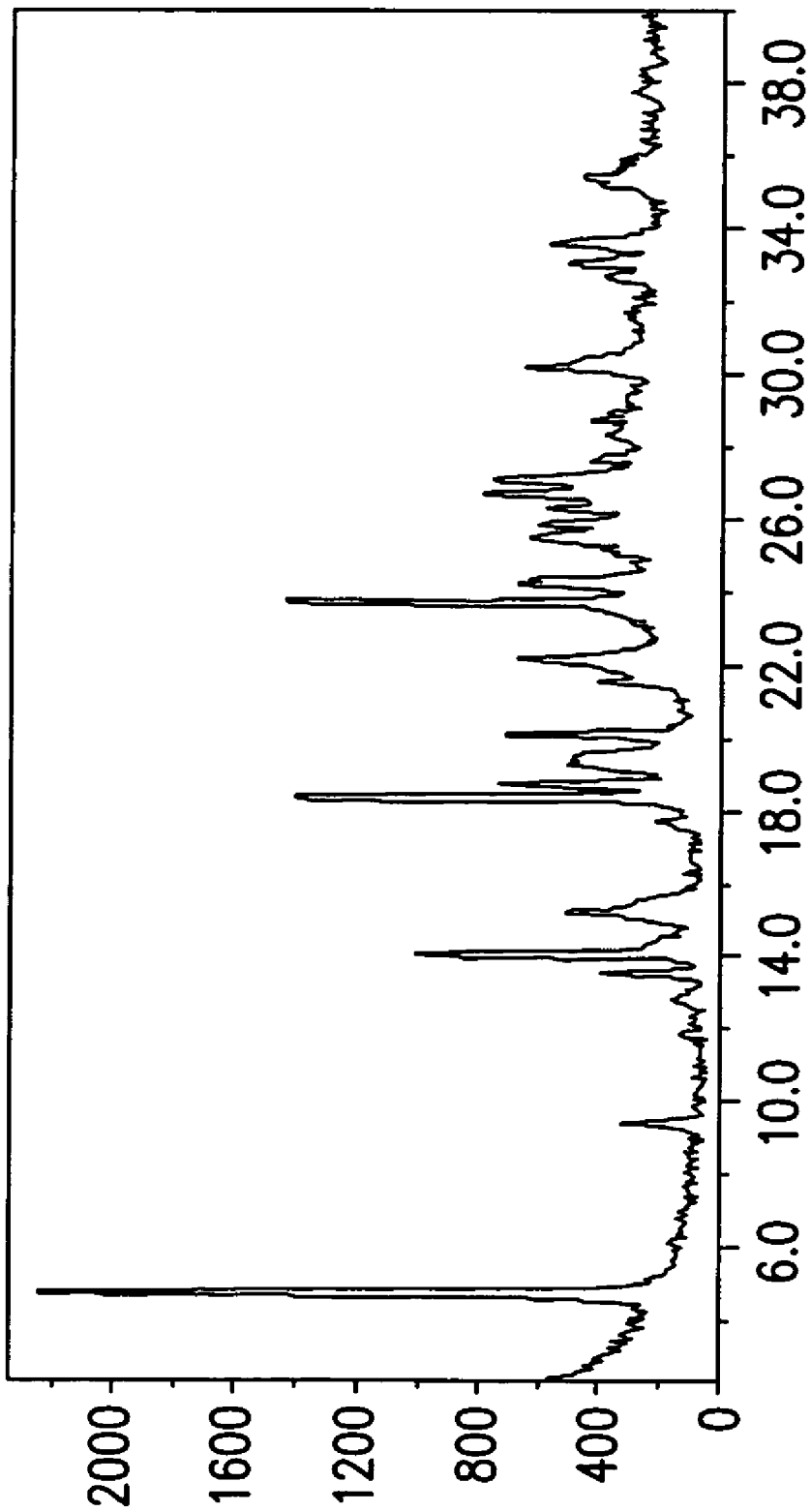


FIG. 2

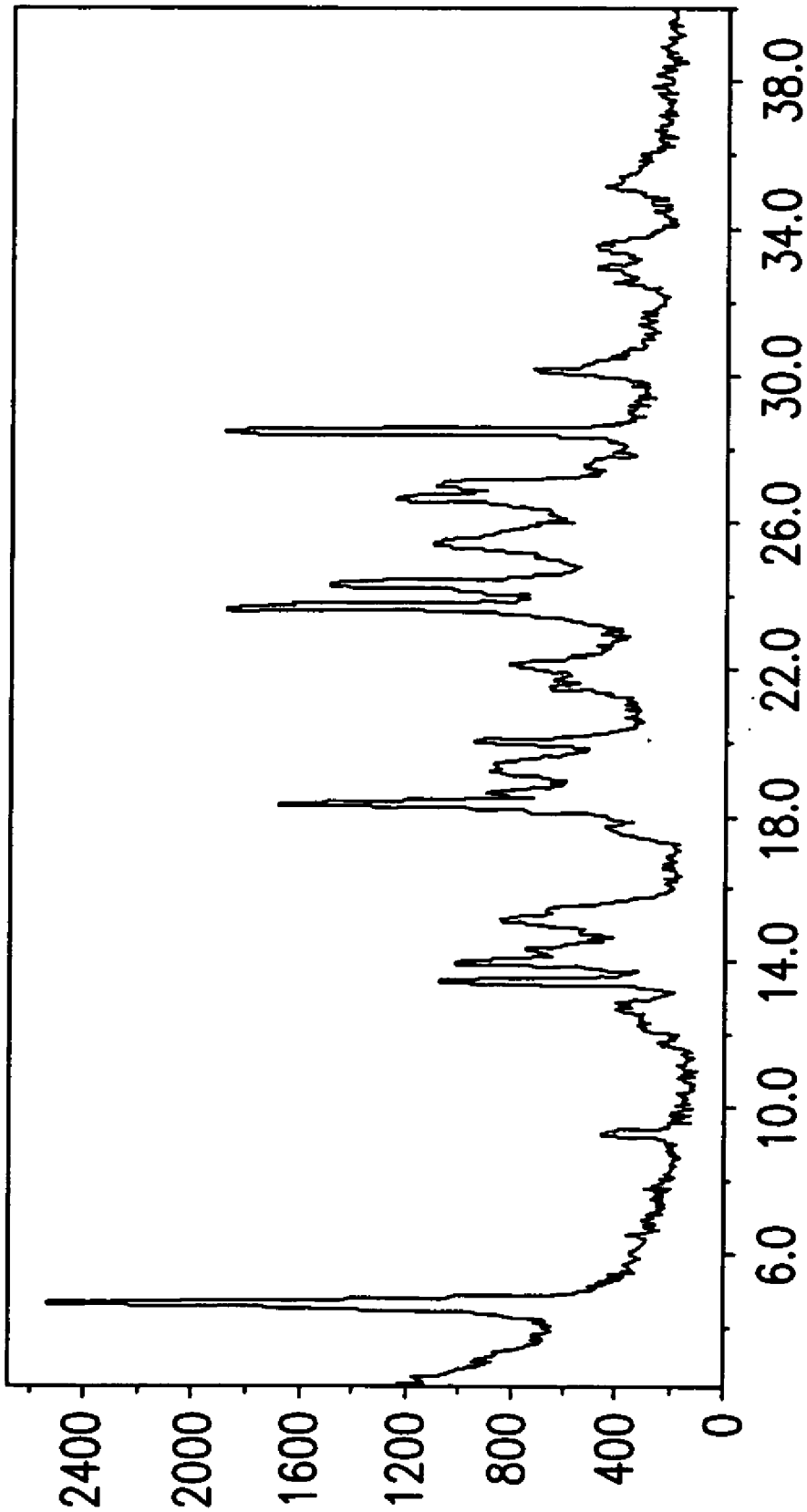


FIG. 3

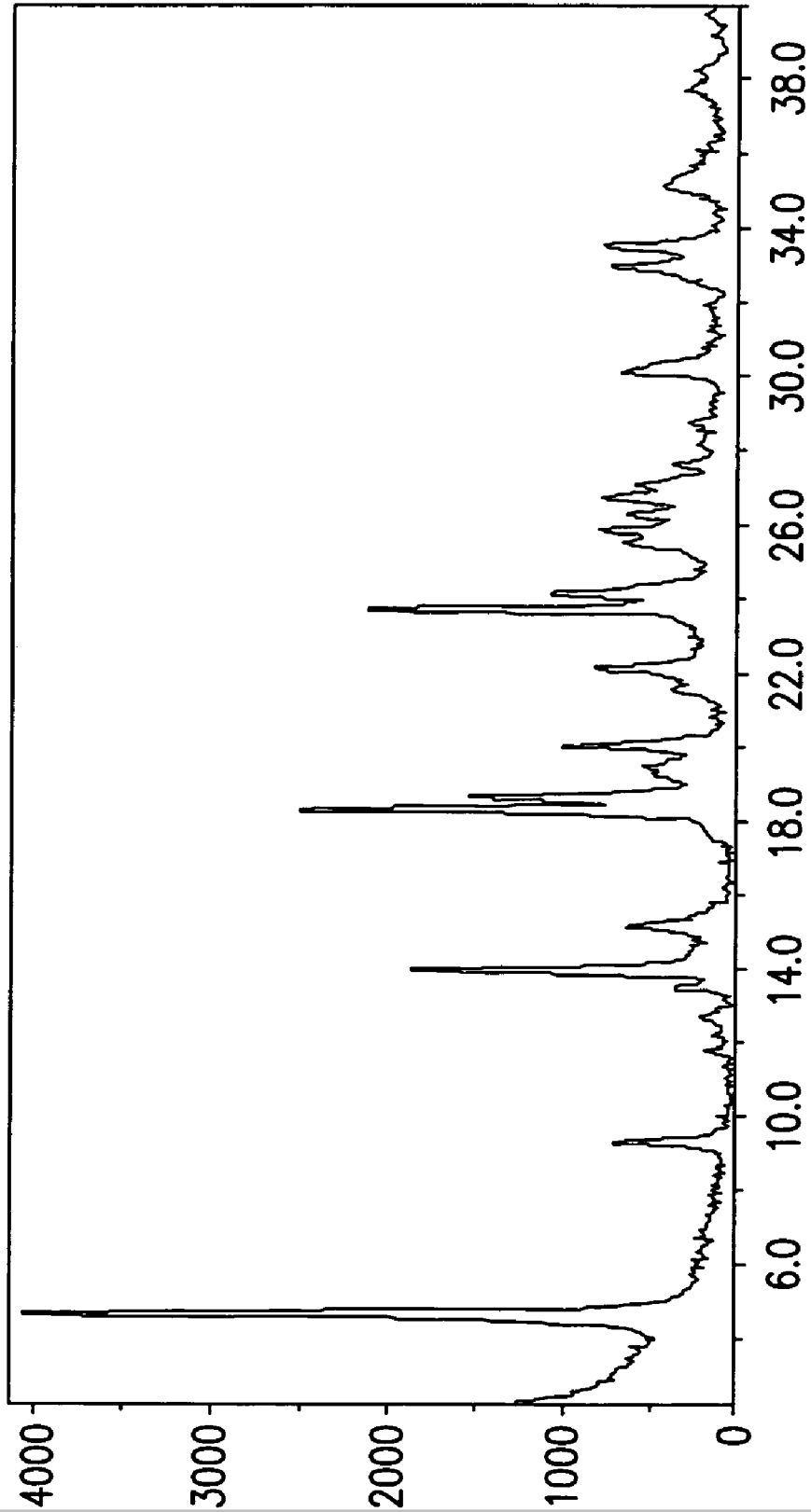


FIG.4

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