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Frontanes et al.

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(54) STABLE THYROID HORMONE PREPARATIONS AND METHOD OF MAKING SAME

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(52) **U.S. Cl.** **424/488**; 424/464; 424/465;

514/960

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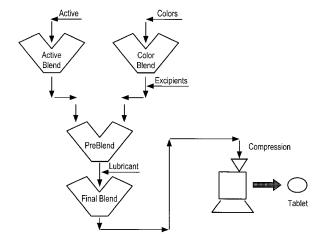
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(57) ABSTRACT

Provided is a pharmaceutical preparation of thyroid hormone and a process of making a tablet formulation of the pharmaceutical preparation using direct compression. In a preferred embodiment, the pharmaceutical preparation comprises levothyroxine sodium and silicified microcrystalline cellulose.

15 Claims, 16 Drawing Sheets





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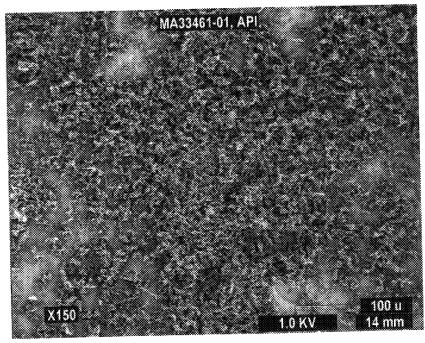


FIG. 1A

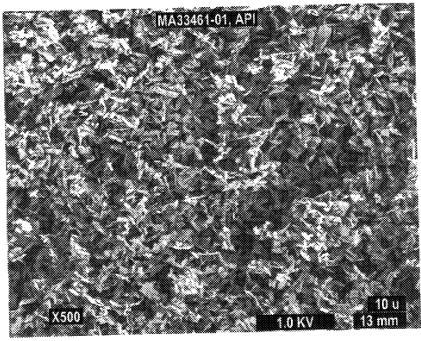


FIG. 1B

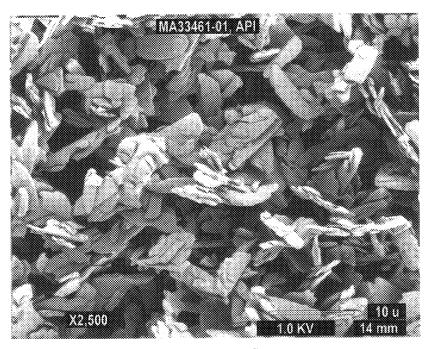


FIG. 1C

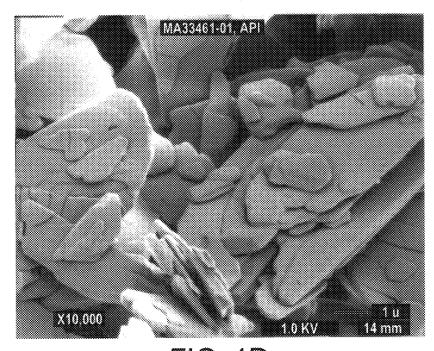


FIG. 1D

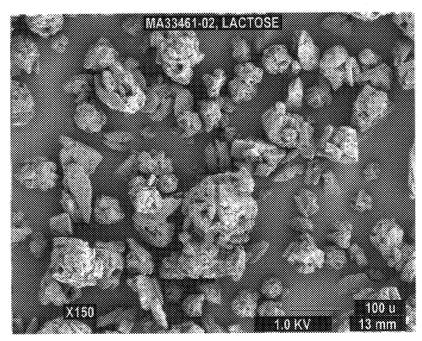


FIG. 2A

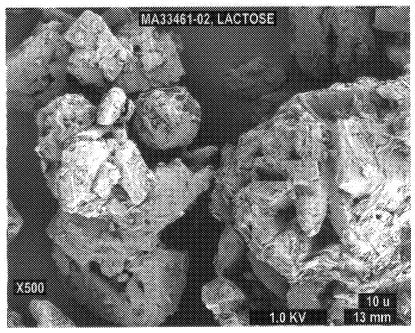


FIG. 2B

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