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(54) Title: DIRECT COMPRESSION POLYMER TABLET CORE

(57) Abstract: The present invention provides a tablet core which comprises at least about 95 % by weight of an aliphatic amine polymer. The invention also provides a method of producing a tablet core comprising at least about 95 % by weight of an aliphatic amine polymer resin. The method comprises the step of compressing the aliphatic amine polymer to form the tablet core. The tablet core can further include one or more excipients. In this embodiment, the method of producing the tablet core comprises the steps of: (1) hydrating the aliphatic amine polymer to the desired moisture level; (2) blending the aliphatic amine polymer with the excipients in amounts such that the polymer comprises at least about 95 % by weight of the resulting blend; and (3) compressing the blend to form the tablet core. The present invention further relates to a coated tablet comprising an aliphatic amine polymer core wherein the coating is a water based coating.