

ABSTRACT

TRIENTINE TETRAHYDROCHLORIDE AND A METHOD OF PREPARATION AND A PHARMACEUTICAL COMPOSITION THEREOF

5 A method of preparation of trientine tetrahydrochloride crystals in which an anti-
solvent at a feeding temperature is added into a trientine tetrahydrochloride solution and
stirred for crystallization wherein the feeding temperature ranges from 50°C to 75°C and
the anti-solvent is an alcohol solvent. A novel trientine tetrahydrochloride featuring XRPD
peaks detected at 21.9, 24.8, 25.2, 28.0 and $35.6 \pm 0.1^\circ 2\theta$ for stable storage of a
10 pharmaceutical composition manufactured with the trientine tetrahydrochloride.

(Figure. 2)