

**Abstract** (provided by AV)

The unknown component in Panacetin was identified as acetanilide because it closely corresponded with the physical properties of acetanilide reported in the literature. After recrystallization from 25 mL of water, 84.1% of the unknown was recovered, and its melting point range was 109°C- 113 °C.

(where red is what you did, green is what you got, and blue is what you think based on the results)