

APPLICATION NOTE

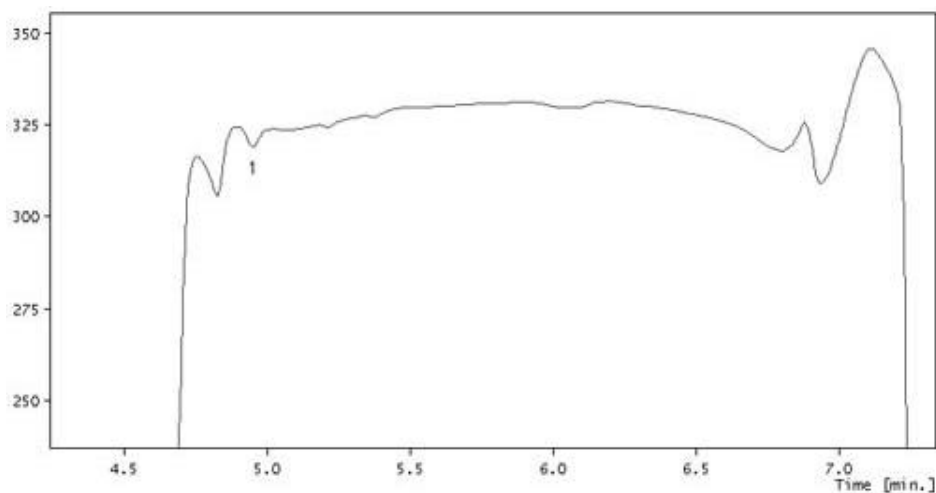
Application Note : 007

Title of application :

Determination of boric acid in fish ball

Area of application :

Food Analysis



Conditions :

Buffer	CE-Boric Acid Kit
Sample	Fish ball extracted with microwave 1. Boric acid (2.5 ppm)
Capillary	50µm ID, 35 cm length
Injection mode	Hydrodynamic injection for 30 seconds at height of 10 cm
Separation setting	-7kV
Instrument used	CE-P1

Description :

Boric acid are toxic and are not allowed to be used in food product. However, some people still add it into some food, especially fish balls, noodles and agar to prevent bacteria growth and to increase the food's texture. Due to this trend, testing of boric acid level in food is required by most food regulation agencies.

As boric acid can be separated far away from the salts (NaCl) in food, boric acid level in food can be analysed by CE-P1 without interference from salts.