

under Crude Drugs: the volume of essential oil is not less than 0.4 mL.

**Containers and storage** Containers—Tight containers.

## Anemarrhena Rhizome

### *Anemarrhenae Rhizoma*

チモ

Anemarrhena Rhizome is the rhizome of *Anemarrhena asphodeloides* Bunge (*Liliaceae*).

**Description** Rather flat and cord-like rhizome, 3–15 cm in length, 0.5–1.5 cm in diameter, slightly bent and branched; externally yellow-brown to brown; on the upper surface, a longitudinal furrow and hair-like remains or scars of leaf sheath forming fine ring-nodes; on the lower surface, scars of root appearing as numerous round spot-like hollows; light and easily broken. Under a magnifying glass, a light yellow-brown transverse section reveals an extremely narrow cortex; stele porous, with many irregularly scattered vascular bundles. Odor, slight; taste, slightly sweet and mucous, followed by bitterness.

**Identification** (1) Shake vigorously 0.5 g of pulverized Anemarrhena Rhizome with 10 mL of water in a test tube: a lasting fine foam is produced. Filter the mixture, and to 2 mL of the filtrate add 1 drop of iron (III) chloride TS: a dark green precipitate is produced.

(2) Warm 0.5 g of pulverized Anemarrhena Rhizome with 2 mL of acetic anhydride on a water bath for 2 minutes while shaking, then filter, and to the filtrate add carefully 1 mL of sulfuric acid to make two layers: a red-brown color develops at the zone of contact.

**Purity** Foreign matter—The amount of fiber, originating from the dead leaves, and other foreign matter contained in Anemarrhena Rhizome does not exceed 3.0%.

**Total ash** Not more than 7.0%.

**Acid-insoluble ash** Not more than 2.5%.

## Angelica Dahurica Root

ビャクシ

Angelica Dahurica Root is the root of *Angelica dahurica* Bentham et Hooker (*Umbelliferae*).

**Description** Main root from which many long roots are branched out and nearly fusiform and conical in whole shape, 10–25 cm in length; externally grayish brown to dark brown, with longitudinal wrinkles, and with numerous scars of rootlets laterally elongated and protruded. A few remains of leaf sheath at the crown and ring-nodes closely protruded near the crown. In a transverse section, the outer region is grayish white in color, and the central region is sometimes

dark brown in color. Odor, characteristic; taste, slightly bitter.

**Identification** To 0.2 g of pulverized *Angelica Dahurica* Root add 5 mL of ethanol (95), allow to stand for 5 minutes with shaking, and filter. Examine the filtrate under ultraviolet light (main wavelength: 365 nm): a blue to blue-purple fluorescence develops.

**Purity** (1) Leaf sheath—The amount of leaf sheath contained in *Angelica Dahurica* Root does not exceed 3.0%.

(2) Foreign matter—The amount of foreign matter other than leaf sheath contained in *Angelica Dahurica* Root does not exceed 1.0%.

**Total ash** Not more than 7.0%.

**Acid-insoluble ash** Not more than 2.0%.

**Extract content** Dilute ethanol-soluble extract: not less than 25.0%.

## Dental Antiformin

### Dental Sodium Hypochlorite Solution

歯科用アンチホルミン

Dental Antiformin contains not less than 3.0 w/v% and not more than 6.0 w/v% of sodium hypochlorite (NaClO: 74.44).

**Description** Dental Antiformin is a slightly light yellow-green, clear liquid. It has a slight odor of chlorine.

It gradually changes by light.

**Identification** (1) Dental Antiformin changes red litmus paper to blue, and then decolorizes it.

(2) To Dental Antiformin add dilute hydrochloric acid: it evolves the odor of chlorine, and the gas changes potassium iodide starch paper moistened with water to blue.

(3) Dental Antiformin responds to the Qualitative Tests (1) for sodium salt.

**Assay** Measure exactly 3 mL of Dental Antiformin in a glass-stoppered flask, add 50 mL of water, 2 g of potassium iodide and 10 mL of acetic acid (31), and titrate the liberated iodine with 0.1 mol/L sodium thiosulfate VS (indicator: 3 mL of starch TS).

Each mL of 0.1 mol/L sodium thiosulfate VS  
= 3.7221 mg of NaClO

**Containers and storage** Containers—Tight containers.  
Storage—Light-resistant, and not exceeding 10°C.

## Apricot Kernel

### *Armeniaca Semen*

キョウニン

Apricot Kernel is the seed of *Prunus armeniaca*