

kles and warty protrusions. Almost odorless; taste, bitter.

Under a microscope, a transverse section reveals extremely thick-walled stone cells in primary cortex and pericycle; irregular-sized vessels lined nearly stepwise in the vessel portion; cells of medullary ray mostly not lignified, and extremely thick-walled and large stone cells scattered here and there; primary cortex containing needle crystals of calcium oxalate; medullary rays containing starch grains, simple grain, 3–10  $\mu\text{m}$  in diameter, and small needle crystals of calcium oxalate.

**Identification** To 0.5 g of pulverized *Sinomenium* Stem add 10 mL of dilute acetic acid, heat for 2 minutes on a water bath with frequent shaking, cool, and filter. To 5 mL of the filtrate add 2 drops of Dragendorff's TS: immediately, an orange-yellow precipitate is produced.

**Total ash** Not more than 6.0%.

**Acid-insoluble ash** Not more than 0.5%.

## Freeze-dried Smallpox Vaccine

乾燥痘そうワクチン

Freeze-dried Smallpox Vaccine is a preparation for injection which is dissolved before use. It contains live vaccinia virus.

It conforms to the requirements of Freeze-dried Smallpox Vaccine in the Minimum Requirements for Biological Products.

**Description** Freeze-dried Smallpox Vaccine becomes a white to gray, turbid liquid on addition of solvent.

## Freeze-dried Smallpox Vaccine Prepared in Cell Culture

乾燥細胞培養痘そうワクチン

Freeze-dried Smallpox Vaccine Prepared in Cell Culture is a preparation for injection which is dissolved before use. It contains live vaccinia virus.

It conforms to the requirements of Freeze-dried Smallpox Vaccine Prepared in Cell Culture in the Minimum Requirements for Biological Products.

**Description** Freeze-dried Smallpox Vaccine Prepared in Cell Culture becomes a reddish clear liquid on addition of solvent.

## Smilax Rhizome

*Smilaxis Rhizoma*

サンキライ

Smilax Rhizome is the tuber of *Smilax glabra* Roxburgh (*Liliaceae*).

**Description** Flattened and irregular cylindrical tuber, often with node-like branches; usually 5–15 cm in length, 2–5 cm in diameter; the outer surface grayish yellow-brown to yellow-brown, and the upper surface scattered with knotty remains of stem; cross section irregular elliptical to obtuse triangular, consisting of extremely thin cortical layer and mostly of stele. Odor, slight; almost tasteless.

Under a microscope, a transverse section reveals a 2- to 3-cell-wide cork layer, with extremely narrow cortical layer, usually consisting of a 2- to 4-cell-wide, thick-walled parenchyma cells, showing large mucilage cells here and there; mucilage cell containing raphides of calcium oxalate; stele consisting chiefly of parenchyma cells, and scattered with vascular bundles; parenchyma cells containing starch grains composed mostly of simple grains, 12–36  $\mu\text{m}$  in diameter, and sometimes mixed with 2- to 4-compound grains.

**Total ash** Not more than 5.0%.

## Powdered Smilax Rhizome

*Smilaxis Rhizoma Pulveratum*

サンキライ末

Powdered Smilax Rhizome is the powder of Smilax Rhizome.

**Description** Powdered Smilax Rhizome occurs as a light yellow-brown powder, and has a slight odor, and is practically tasteless.

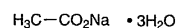
Under a microscope, Powdered Smilax Rhizome reveals starch grains and fragments of parenchyma cells containing them; fragments of raphides of calcium oxalate contained in mucilage masses; fragments of lignified parenchyma cells of cortical layer; fragments of cork cells and scalariform vessels; starch grains composed mostly of simple grains, and mixed with a few 2- to 4-compound grains 12–36  $\mu\text{m}$  in diameter.

**Purity** Foreign matter—Under a microscope, Powdered Smilax Rhizome does not show a large quantity of stone cells or thick-walled fibers.

**Total ash** Not more than 5.0%.

## Sodium Acetate

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$\text{C}_2\text{H}_3\text{NaO}_2 \cdot 3\text{H}_2\text{O}$ : 136.08  
Monosodium acetate trihydrate [6131-90-4]

Sodium Acetate, when dried, contains not less than 99.5% of  $\text{C}_2\text{H}_3\text{NaO}_2$ : 82.03.

**Description** Sodium Acetate occurs as colorless crystals or a white, crystalline powder. It is odorless or has a slight, acetous odor. It has a cool, saline and slightly bitter taste.

It is very soluble in water, freely soluble in acetic acid (100), soluble in ethanol (95), and practically insoluble in diethyl ether.