

## (Appendix 2)

## ○List of Raw Materials Exclusively Used as Pharmaceuticals

## 1. Plant-derived materials, etc.

## (Examples)

Name	Alternative name, etc.	Part	Remarks
Achyranthes root	<i>Achyranthes bidentata</i> var. <i>japonica</i> / <i>Achyranthes fauriei</i>	Root	
<i>Aconitum</i>	Monkshood/Processed aconite root/ <i>Aconitum japonicum</i>	Root tuber	
Acorus gramineus rhizome	<i>Acorus gramineus</i>	Rhizome	Stems are “non-pharmaceutical materials.”
Acorus root	Sweet flag root ( <i>acorus calamus</i> )	Rhizome	
<i>Adonis</i>	Far East Amur Adonis ( <i>Adonis ramosa</i> )/ <i>Adonis</i>	Whole herb	
Agarwood		Wood, resin	
Akebia stem	Akebia quinata	Voluble stem	Fruits are “ non-pharmaceutical materials.”
<i>Alisma canaliculatum</i>		Tuber	
Alisma tuber	<i>Alisma orientale</i>	Tuber	
Aloe	Aloe barbadensis/Aloe ferox	Leaf sap	Roots and mesophyll are “non-pharmaceutical materials.” Leaves of <i>Aloe arborescens</i> are “non-pharmaceutical materials.”
Alpinia officinarum rhizome		Rhizome	
Amomum seed	<i>Amomum villosum</i> / <i>Amomum xanthioides</i>	Cluster of seeds, mature fruit	Roots of <i>Adenophora triphylla</i> are “non-pharmaceutical materials.”
Amomum tsaoko fruit		Fruit	
Angelica dahurica root	<i>Angelica dahurica</i>	Root	
<i>Anjelica furcijuga</i>	<i>Angelica furcijuga</i>	Root	
Apricot kernel	<i>Prunus armeniaca</i>	Seed	Sweet Apricot kernels are “non-pharmaceutical materials.”
Aralia rhizome	<i>Aralia cordata</i>	Rhizome	Softened stems are “non-pharmaceutical materials.” Rhizomes and softened stems of <i>Angelica pubescens</i> / <i>Angelica</i>

Name	Alternative name, etc.	Part	Remarks
			<i>biserata</i> ( <i>Angelica bisserata</i> ) are “non-pharmaceutical materials.”
Areca pericarp	<i>Areca catechu</i>	Pericarp	Seeds are “non-pharmaceutical materials.”
<i>Arisaema serratum</i>		Tuber	
<i>Aristolochia</i>		Whole herb	
<i>Arnica montana</i>		Whole herb	
Arrowleaf sida	<i>Sida rhombifolia</i> L.	Whole herb	
Artemisia annua leaf	Sweet Annie ( <i>Artemisia annua</i> )	Foliage of the plant bearing fruits/flowers	
Artemisia capillaris flower	<i>Artemisia capillaris</i>	Spike, whole herb bearing flowers	
<i>Asarum caulescens</i>		Whole herb	
Asiasarum root	<i>Asiasarum sieboldii</i> / <i>Asiasarum heterotropoides</i>	Whole herb	
Asparagus root	<i>Asparagus cochinchinensis</i>	Root	Seeds, leaves, and flowers are “non-pharmaceutical materials.”
Aster root		Root, rhizome	
Astragalus root	<i>Astragalus membranaceus</i> / <i>Astragalus mongholicus</i>	Root	Stems and leaves are “non-pharmaceutical materials.”
Atractylodes lancea rhizome	<i>Atractylodes lancea</i>	Rhizome	
Atractylodes rhizome	<i>Atractylodes macrocephala</i> / <i>Atractylodes japonica</i>	Rhizome	
<i>Atropa</i>	Deadly nightshade ( <i>Atropa bella-donna</i> )	Root	
Bamboo culm		Inner layer of culm	
Bearberry leaf	<i>Arctostaphylos uva-ursi</i>	Leaf	
Benincasa seed	<i>Benincasa hispida</i>	Seed	Fruits are “non-pharmaceutical materials.”
Bitter cardamon		Fruit	
<i>Boswellia</i>	Frankincense/ <i>Boswellia</i>	Whole tree (excluding resin of <i>Boswellia serrata</i> )	Resin of <i>Boswellia serrata</i> is a “non-pharmaceutical material.”
Buddhist bauhinia flower		Bark, flower	
Buddleja officinalis flower		Flower	
Bupleurum root	<i>Bupleurum falcatum</i>	Root	Leaves are “non-pharmaceutical materials.”
Burdock fruit	Burdock ( <i>Arctium lappa</i> )	Fruit	Roots and leaves are “non-pharmaceutical

Name	Alternative name, etc.	Part	Remarks
			materials.”
Calabar bean ( <i>Physostigma venenosum</i> )		Bean	
Calumba		Root	
Carolina jessamine ( <i>Gelsemium sempervirens</i> )		Whole herb	
Cascara sagrada ( <i>Rhamnus purshiana</i> )		Bark	
Cassia auriculata	Cassia auriculata	Bark	
Castor oil	<i>Ricinus communis</i>	Seed oil	
Catalpa fruit	<i>Catalpa bungei</i>	Fruit	
<i>Cayaponia tayuya</i>		Root	
<i>Cephaelis</i>	<i>Carapichea ipecacuanha</i> <i>/Cephaelis</i>	Root	
Cherry bark	<i>Prunus jamasakura</i>	Bark	
Chinese Gelsemium	<i>Gelsemium elegans</i>	Whole herb	
Chinese pulsatilla root ( <i>Pulsatillae radix</i> )		Stem, leaf	
<i>Chondrodendron</i>	<i>Chondrodendron</i> /Peruvian wild grape/Pareira	Bark, root	
Cimicifuga rhizome	<i>Cimicifuga simplex</i>	Rhizome	Roots of <i>Astilbe thunbergii</i> are “non-pharmaceutical materials.”
Cinchonae bark	<i>Cinchona pubescens</i>	Root bark, bark	
<i>Cissus quadrangularis</i>	Veld grape	Whole herb	
Clematis root	<i>Clematis chinensis</i>	Root, rhizome	Leaves are “non-pharmaceutical materials.”
<i>Cnidium Monnieri</i>	<i>Cnidium monnieri</i>	Fruit, stem, leaf	Fruits of <i>Cnidium monnieri</i> are also known as <i>Cnidium Monnieri Fructus</i> .
Cnidium rhizome		Rhizome	Leaves are “non-pharmaceutical materials.”
Codonopsis root	<i>Codonopsis pilosula</i>	Root	
<i>Colchicum</i> seed	Meadow saffron/ <i>Colchicum autumnale</i>	Seed	
Colocynth ( <i>Citrullus colocynthis</i> )		Fruit	
Coltsfoot flower	<i>Tussilago farfara</i>	Flower bud	Leaves and young scapes are “non-pharmaceutical materials.”
<i>Commiphora</i>	Arabian Myrrh/Myrrh/ <i>Commiphora myrrha</i> / <i>Commiphora</i>	Whole tree (excluding resin of Guggul gum [ <i>Commiphora mukul</i> ])	Resin of Guggul gum ( <i>Commiphora mukul</i> ) is a “non-pharmaceutical

Name	Alternative name, etc.	Part	Remarks
			material.”
Common Anemarrhena rhizome	<i>Anemarrhena asphodeloides</i>	Rhizome	
Common cocklebur (Xanthium fruit)	<i>Xanthium strumarium</i>	Fruit	
Common reed rhizome	<i>Phragmites australis</i>	Rhizome	Parts other than rhizomes are “non-pharmaceutical materials.”
Common rush	<i>Juncus effusus</i> / <i>Juncus effusus</i> var. <i>decipens</i> / <i>Juncus effusus</i>	Whole herb	Residue of the terrestrial part remaining after hot water extraction (at a temperature of 100°C for 8 minutes or at a higher temperature for a longer duration) is a “non-pharmaceutical material.”
Condurango		Bark	
Coptis chinensis		Fibrous root	
Coptis rhizome	<i>Coptis japonica</i> var. <i>anemonifolia</i>	Rhizome, fibrous root	Leaves are “non-pharmaceutical materials.”
Corydalis tuber	<i>Corydalis ambigua</i>	Tuber	
<i>Corynanthe yohimbe</i>		Bark	
Cowberry leaf	Lingonberry ( <i>Vaccinium vitis-idaea</i> ), cowberry	Leaf	Fruits are “non-pharmaceutical materials.”
Croton ( <i>Croton tiglium</i> )		Seed	
<i>Cycas revoluta</i>		Seed	
Cyperus rhizome	<i>Cyperus rotundus</i>	Rhizome	
<i>Cytisus scoparius</i>		Branch, leaf	Flowers are “non-pharmaceutical materials.”
Damiana leaves ( <i>Turnera diffusa</i> )		Leaf	
<i>Datura</i>	<i>Datura metel</i>	Seed, leaf, flower	
<i>Dendrobium</i>	<i>Dendrobium moniliforme</i> / <i>Dendrobium officinale</i> / <i>Dendrobium</i>	Stem	
Dictamnus root bark		Root bark	
Digenea simplex		Whole weed	
<i>Digitalis</i>	<i>Digitalis</i>	Leaf	
Dodder seed	<i>Cuscuta japonica</i> / <i>Cuscuta australis</i>	Seed	
<i>Dryopteris crassirhizoma</i>		Rhizome, leaf base	

Name	Alternative name, etc.	Part	Remarks
Ephedra herb		Stem	
Epimedium herb	<i>Epimedium grandiflorum</i> var. <i>thunbergianum</i>	Whole herb	
Equisetum herb	<i>Equisetum hyemale</i>	Whole herb	
Eucommia bark		Bark	Fruits, leaves, leafstalks, and xylem are “non-pharmaceutical materials.”
Euodia fruit	<i>Tetradium ruticarpum</i> var. <i>officinale</i>	Fruit	
European mistletoe ( <i>Viscum album</i> )	<i>Viscum album</i> subsp. <i>coloratum</i>	Foliage/treetop, stem, leaf	
False Helleborine ( <i>Veratrum</i> )	<i>Veratrum stamineum</i> / <i>Veratrum maackii</i> var. <i>japonicum</i> / <i>Veratrum album</i> subsp. <i>oxysepalum</i>	Whole herb	
Forsythia fruit	<i>Forsythia suspensa</i>	Fruit	Leaves are “non-pharmaceutical materials.”
Frangula bark	<i>Rhamnus frangula</i>	Bark	
Fritillaria bulb	<i>Fritillaria verticillata</i> var. <i>thunbergii</i>	Bulb	
<i>Galanthus</i>	Giant snowdrop/ Snowdrop	Bulb	
Gastrodia tuber	<i>Gastrodia elata</i>	Tuber	
Gentian		Root, rhizome	Flowers are “non-pharmaceutical materials.”
Geranium herb		Terrestrial part	
Goldenseal	<i>Hydrastis canadensis</i>	Rhizome	
Graviola	Soursop/ <i>Annona muricata</i> /Dutch durian	Seed	Fruits are “non-pharmaceutical materials.”
<i>Griffonia simplicifolia</i>		Seed	
Guashatonga		Leaf	
Hemp fruit	<i>Cannabis sativa</i>	Seeds for which no sprout inhibition treatment has been performed	Seeds for which sprout inhibition treatment has been performed are “non-pharmaceutical materials.”
<i>Hepatica nobilis</i>	<i>Primula farinosa</i> subsp. <i>modesta</i> /Hepatica nobilis	Whole herb	
Horse-chestnut ( <i>Aesculus hippocastanum</i> )		Seed	Barks, leaves, flowers, and buds are “non-pharmaceutical materials.” Seeds of <i>Aesculus turbinata</i> are “non-pharmaceutical materials.”
<i>Hyoscyamus</i>	<i>Hyoscyamus niger</i>	Seed, leaf	
Imperata rhizome	<i>Imperata cylindrica</i>	Rhizome	

Name	Alternative name, etc.	Part	Remarks
<i>Incarvillea sinensis</i>	<i>Incarvillea sinensis</i>	Whole herb	
Indian coral tree ( <i>Erythrina variegata</i> )		Bark	
Indian sarsaparilla ( <i>Hemidesmus indicus</i> )		Root	
Inula flower	<i>Inula britannica</i> subsp. <i>japonica</i>	Flower	
Inula root	<i>Inula helenium</i>	Root	
Iris ( <i>Iris Florentina</i> )	Orris	Rhizome	
Jalap ( <i>Ipomoea purga</i> )		Fat, root	
Japanese angelica root	<i>Angelica gigas</i> / Chinese Angelica ( <i>Angelica sinensis</i> )	Root	Leaves are “non-pharmaceutical materials.”
Japanese gentian	<i>Gentiana scabra</i> / <i>Gentiana scabra</i> var. <i>buergeri</i>	Root, rhizome	
Japanese knotweed	<i>Fallopia japonica</i>	Rhizome	Tender shoots are “non-pharmaceutical materials.”
Japanese Pagoda ( <i>Sophora japonica</i> / <i>Styphnolobium japonicum</i> )	<i>Sophora japonica</i> flower/ <i>Sophora japonica</i> fruit	Flower, flower bud, fruit	Leaves and pods are “non-pharmaceutical materials.”
Japanese star anise ( <i>Illicium anisatum</i> )	<i>Acer pycnanthum</i>	Fruit	
Japanese yew	<i>Taxus cuspidate</i>	Branch, heartwood, non-leaf	Fruits are “non-pharmaceutical materials.”
Jequirity bean ( <i>Abrus precatorius</i> )	<i>Abrus precatorius</i>	Seed	
Kamala tree ( <i>Mallotus philippensis</i> )		Bark	
Kava ( <i>Piper methysticum</i> )	Kava-kava (kawakawa)/Sakau	Whole herb	Kava-kava is a “pharmaceutical material.”
kawakawa	<i>Macropiper excelsum</i>	Whole herb	Kava is a “pharmaceutical material.”
Khat ( <i>Catha edulis</i> )		Leaf	
Korean mint ( <i>Agastache rugosa</i> )		Terrestrial part	
<i>Krameria lappacea</i>		Root	
Leonurus herb	<i>Leonurus japonicus</i>	Whole herb	
Ligusticum sinense		Root, rhizome	
Lily of the valley ( <i>Convallaria majalis</i> var. <i>keiskei</i> )		Whole herb	
Lindera root	<i>Lindera strychnifolia</i>	Root	Leaves and fruits are “non-pharmaceutical materials.”
Lithospermum root	<i>Lithospermum</i>	Root	

Name	Alternative name, etc.	Part	Remarks
	<i>erythrorhizon</i>		
<i>Lobelia chinensis</i>		Whole herb	
<i>Lobelia sessilifolia</i>		Whole herb	
Lycium bark	<i>Lycium chinense</i>	Root bark	Fruits and leaves are “non-pharmaceutical materials.”
Lycoris radiata bulb	Red spider lily ( <i>Lycoris radiata</i> )	Bulb	
Madagascar periwinkle		Whole herb	
Madder	Madder ( <i>Rubia argyi</i> ) / <i>Rubia cordifolia</i> var. <i>cordifolia</i>	Root	Whole herbs of <i>Mesona chinensis</i> Benth are “non-pharmaceutical materials.”
Magnolia bark	Japanese bigleaf magnolia ( <i>Magnolia obovata</i> )	Bark	
Magnolia flower	<i>Magnolia kobus</i> / <i>Magnolia salicifolia</i>	Flower bud	
<i>Mandragora</i>	<i>Mandragora</i>	Root	
Melia	<i>Melia azedarach</i>	Fruit, bark	Leaves are “non-pharmaceutical materials.” Fruits and bark of <i>Melia toosendan</i> are “pharmaceutical materials.”
<i>Melia azedarach</i> var. <i>toosendan</i>	Melia fruit/ Melia bark /Melia toosendan	Fruit, bark	Fruits and bark of <i>Melia azedarach</i> are “pharmaceutical materials.” Leaves of <i>Melia azedarach</i> are “non-pharmaceutical materials.”
<i>Menyanthes trifoliata</i>	<i>Menyanthes trifoliata</i>	Leaf	
<i>Momordica cochinchinensis</i>	<i>Momordica cochinchinensis</i> / Spiny Bitter Gourd	Seed	
Morinda root		Root	
Moutan bark	<i>Paeonia suffruticosa</i>	Root bark	Leaves and flowers are “non-pharmaceutical materials.”
Muir Puama		Root	Parts other than roots are “non-pharmaceutical materials.”
Mulberry bark	<i>Moraceae</i> / <i>Morus alba</i>	Root bark	Leaves, flowers, and fruits (aggregate fruit) are “non-pharmaceutical materials.”
Myrobalan Fruit	<i>Terminalia chebula</i>	Fruit	

Name	Alternative name, etc.	Part	Remarks
Nandina fruit	<i>Nandina domestica</i> forma <i>leucocarpa</i> / <i>Nandina domestica</i>	Fruit	
<i>Nardostachytis rhizoma</i>		Root	
Nicotiana rustica	Aztec tobacco	Leaf	
Notopterygium		Root, rhizome	
Nuphar rhizome	<i>Nuphar japonicum</i>	Rhizome	Stems are “non-pharmaceutical materials.”
Ophiopogon root	<i>Liriope spicata</i> / <i>Ophiopogon japonicus</i> / <i>Liriope muscari</i>	Dilated portion of root	
Opium poppy ( <i>Papaver somniferum</i> )		Whole herb (excluding seeds and seed oil for which sprout inhibition treatment has been performed)	Seeds and seed oil for which sprout inhibition treatment has been performed are “non-pharmaceutical materials.”
Oriental arborvitae kernel		Seed	
Panax japonicus rhizome	<i>Panax japonicus</i>	Rhizome	
Peach kernel		Seed	Leaves and flowers are “non-pharmaceutical materials.”
<i>Peganum harmala</i>		Whole herb, seed	
<i>Pelargonium sidoides</i>		Root	
Peony root		Root	Flowers are “non-pharmaceutical materials.”
Peucedanum root		Root	
Pharbitis seed	<i>Pharbitis nil</i>	Seed	Leaves and flowers are “non-pharmaceutical materials.”
Phellodendron bark	<i>Phellodendron amurense</i>	Bark	Leaves and fruits are “non-pharmaceutical materials.”
<i>Physalis</i>	<i>Physalis alkekengi</i> var. <i>franchetii</i> / <i>Physalis</i>	Root	Fruits of edible <i>Physalis</i> are “non-pharmaceutical materials.”
Picrasma wood		Xylem (excluding bark)	
<i>Pilocarpus jaborandi</i>		Leaf	
Pinellia tuber	<i>Pinellia ternata</i>	Tuber	
<i>Podophyllum</i>	<i>Podophyllum hexandrum</i> / <i>Podophyllum</i>	Root, rhizome	
Pogostemon Herb ( <i>Pogostemon cablin</i> )	Patchouli	Terrestrial part	

Name	Alternative name, etc.	Part	Remarks
Pokeweed root	<i>Cirsium dipsacolepis</i> / Phytolacca esculenta	Root	Roots of <i>Cirsium dipsacolepis</i> are “non-pharmaceutical materials.”
Polygala root	<i>Polygala tenuifolia</i>	Root	
Polygonum root	<i>Polygonum multiflorum</i>	Tuberous root	Stems and leaves are “non-pharmaceutical materials.”
Polyporus sclerotium	<i>Polyporus umbellatus</i>	Sclerotium	
Poria sclerotium	Wolfiporia cocos	Sclerotium	
<i>Potentilla anserina</i>	Potentilla anserina	Whole herb	
Prickly Restharrow ( <i>Ononis spinosa</i> )		Root, rhizome	
Prunella Spike	<i>Prunella vulgaris</i> var. <i>lilacina</i>	Whole herb	
<i>Pteris multifida</i>	<i>Pteris multifida</i>	Whole herb	
Pueraria root	<i>Pueraria lobata</i>	Root	Seeds, leaves, flowers, and pueraria starch are “non-pharmaceutical materials.”
Puke weed ( <i>Lobelia inflata</i> )		Whole herb	
Quercus bark	Sawtooth oak ( <i>Quercus acutissima</i> )	Bark	
<i>Rabdosia rubescens</i>		Whole herb	
Raspberry	<i>Rubus chingii</i>	Immature syncarp	
<i>Rauwolfia</i>	Indian snakeroot ( <i>Rauwolfia serpentina</i> )/ <i>Rauwolfia</i>	Root, rhizome	
Rehmannia root	<i>Rehmannia glutinosa</i> var. <i>purpurea</i> / <i>Rehmannia glutinosa</i>	Stem, root	
<i>Rhamnus</i>	<i>Rhamnus japonica</i> var. <i>decipiens</i> / <i>Rhamnus</i>	Fruit	
Rhododendron leaf	<i>Photinia serrulata</i> / <i>Rhododendron</i>	Leaf	
Rhubarb	Chinese rhubarb ( <i>Rheum officinale</i> )	Rhizome	Leaves are “non-pharmaceutical materials.”
<i>Rohdea japonica</i>		Rhizome	
Rose balsam ( <i>Impatiens balsamina</i> )		Seed	Parts other than seeds are “non-pharmaceutical materials.”
Rose fruit	<i>Rosa multiflora</i>	Fruit, false fruit	
Salvia miltiorrhiza root		Root	Leaves are “non-pharmaceutical materials.”
Sandalwood		Heartwood, oil	
Saposhnikovia root and rhizome		Root, rhizome	
Sappan wood	<i>Caesalpinia sappan</i>	Heartwood	
Saussurea root		Root	

Name	Alternative name, etc.	Part	Remarks
Savin ( <i>Juniperus sabina</i> )		Foliage, cone	
Schisandra fruit	<i>Schisandra chinensis</i>	Fruit	
Schizonepeta spike		Whole herb	
<i>Scopolia</i>	<i>Scopolia japonica</i> / Scopolia Rhizome	Root	
Scrophularia root	<i>Scrophularia buergeriana</i>	Root	
Scutellaria root	<i>Scutellaria baicalensis</i>	Root	Stems and leaves are “non-pharmaceutical materials.”
Senega	<i>Polygala senega</i> var. <i>latifolia</i>	Root	
Senna Leaf	Senna alexandrina/ Tinnevelly Senna/ Senna	Fruit, young leaf, leaf stem, rachis	Stems are “non-pharmaceutical materials.”
Shrub chaste tree fruit	<i>Vitex rotundifolia</i>	Fruit	
Sinomenium stem and rhizome	<i>Sinomenium acutum</i>	Rhizome, voluble stem	
Skullcap ( <i>Scutellaria lateriflora</i> )		Root	Parts other than roots are “non-pharmaceutical materials.”
Smilax rhizome	<i>Smilax glabra</i>	Tuber, rhizome	Leaves are “non-pharmaceutical materials.” Leaves and roots of <i>Smilax</i> other than <i>Smilax glabra</i> are “non-pharmaceutical materials.”
Snake gourd ( <i>Trichosanthes cucumeroides Maxim</i> )		Root, leaf	
Sophora root	<i>Sophora flavescens</i>	Root	
Sophora subprostrata root		Root, rhizome	
Southern Cattail	<i>Typha latifolia</i> / <i>Typha domingensis</i>	Pollen	Parts other than pollen are “non-pharmaceutical materials.” Pollen of plants other than <i>Typha latifolia</i> and <i>Typha domingensis</i> are “non-pharmaceutical materials.”
Stemona root		Enlarged root	
<i>Stephania tetrandra</i>	<i>Stephania tetrandra</i>	Stem, rhizome	
<i>Strophanthus</i>	<i>Strophanthus</i>	Seed, xylem	
<i>Strychnos</i>	<i>Strychnos nux-vomica</i>	Seed	
Sweet Wormwood Herb	<i>Artemisia apiacea</i>	Foliage of the plant bearing fruits/flowers	
Swertia herb	<i>Swertia japonica</i>	Whole herb	
Taxus	Taxus	Bark, leaf	Heartwood is a “non-

Name	Alternative name, etc.	Part	Remarks
			pharmaceutical material.”
Thoroughwort	<i>Eupatorium japonicum</i>	Whole herb	
<i>Tinospora cordifolia</i>	Tinospora cordifolia	Whole herb	
<i>Toddalia asiatica</i>		Stem	
<i>Trametes versicolor</i>		Mycelium	Fruiting bodies are “non-pharmaceutical materials.”
Tribulus fruit	<i>Tribulus terrestris</i>	Fruit	
Trichosanthes root	<i>Trichosanthes bracteata</i> / <i>Trichosanthes kirilowii</i> var. <i>japonica</i> / <i>Trichosanthes kirilowii</i>	Root	Fruits and seeds are “non-pharmaceutical materials.”
Uncaria hook	<i>Uncaria rhynchophylla</i> / <i>Uncaria sinensis</i>	Thorn	Leaves are “non-pharmaceutical materials.”
<i>Urginea</i>		Bulb	Whole weeds of marine algae are “non-pharmaceutical materials.”
<i>Wisteria floribunda</i>	Japanese wisteria ( <i>Wisteria floribunda</i> )	Boss caused by parasitism of <i>Erwinia herbicola pv. milletiae</i>	Stems (parts other than the boss caused by parasitism of <i>Erwinia herbicola pv. milletiae</i> ) are “non-pharmaceutical materials.”
<i>Withania somnifera</i>	Ashwagandha	Whole herb	
<i>Wolfiporia extensa</i>		Root contained in sclerotium	

Note 1) Crude Drug Name, Common Name, Scientific Name, name of source plant, etc., are shown in the columns for “Name” and “Alternative name, etc.”

Note 2) Applicable parts of the listed essential ingredients (raw materials) are shown in the “Part” column.

Note 3) In case it is difficult to classify a crude drug because another part thereof is listed in another list, said explanation is described in the “Remarks” column.

Note 4) The description of “non-pharmaceutical material(s)” in the “Remarks” column means that the crude drug is listed in the “List of essential ingredients (raw materials) not recognized as drugs unless the product claims efficacy and/or effectiveness.”

2. Animal-derived materials, etc.

(Examples)

Name	Alternative name, etc.	Part	Remarks
Bile and gallbladder	Cattle/Bear/Pig	Bile and gallbladder of cattle, bears, and pigs.	Gallbladders of carps and snakes are “non-pharmaceutical materials.”
Blood		Human blood	Blood and plasma of cattle, deer, and pigs are “non-pharmaceutical materials.”
Bone marrow		Human bone marrow	Bovine bone marrow is a “non-pharmaceutical material.”
Canis male sex organ	Dog/ <i>Canis lupus familiaris</i>	Penis, testis	
Cervus male sex organ	Cervus male sex organ	Penis and testis of deer	
Cicada slough	Large Brown Cicada ( <i>Graptopsaltria nigrofuscata</i> )/ <i>Cryptotympana facialis</i>	Cicada shell	
Civet	<i>Viverridae Gray</i>	Secretion of musk glands	
Deer velvet	<i>Cervus elaphus</i> var. <i>xanthopygus</i> / <i>Cervus nippon</i> var. <i>mantchuricus</i> / Wapiti ( <i>Cervus canadensis</i> )	Velvet of male deer	
Earthworm	<i>Aporrectodea caliginosa</i>	Whole body	
Hematophagous tabanid	Tabanid	Whole body	
Horse bezoar	Horse	Bezoar/ <u>enterolith</u>	
Longgu		Fossilized bones of ancient mammals	
Male seal sex organ	Fur seal/Spotted Seal	Penis, testis	Extract of skeletal muscle is a “non-pharmaceutical material.”
Musk	Musk deer/ <i>Moschus</i>	Secretion of musk glands of male musk deer.	CITES prohibits import of this material.
Oriental bezoar	Cattle/ <i>Bos taurus</i> var. <i>domesticus</i>	Gallbladder stone	
Placenta	Human placenta	Human placenta	Placentas of cattle, sheep, and pigs are “non-pharmaceutical materials.”
Saiga tatarica horn	Saiga/ <i>Saiga tatarica</i>	Horn	
Snake venom	Snake	Snake venom	The whole body of a snake is a “non-

			pharmaceutical material.”
Tiger skeleton	Tiger/ <i>Panthera tigris</i>	Skeleton	Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) prohibits import of this material.
Toad cake	<i>Bufo bufo gargarizans</i>	Secretion of venom glands	
Trogopteris feces		Feces of <i>Pteromyinae</i>	

- Note 1) Crude Drug Name, Common Name, Scientific Name, name of source animal, etc., are shown in the columns for “Name” and “Alternative name, etc.”
- Note 2) Applicable parts of the listed essential ingredients (raw materials) are shown in the “Part” column.
- Note 3) In case it is difficult to classify a crude drug because another part thereof is listed in another list, said explanation is described in the “Remarks” column.
- Note 4) The description of “non-pharmaceutical material(s)” in the “Remarks” column means that the crude drug is listed in the “List of essential ingredients (raw materials) not recognized as drugs unless the product claims efficacy and/or effectiveness.”

3. Others (Chemical materials, etc.)  
(Examples)

Name	Alternative name, etc.	Part	Remarks
Acetil acid	Acetil acid/ 4-ethoxy-3-(1-methyl-7-oxo-3-propyl-6,7-dihydro-1H-pyrazolo[4,3-d]pyrimidin-5-yl)benzoic acid		
Actinolite			Ore
Allantoin			
Aloin	Barbaloin		A component of aloe
Aminotadalafil	Aminotadalafil		
Amylase	Diastase		
Androstenedione			
Angiotensin			
Aspirin	Acetylsalicylic acid		
ATP	Adenosine 5'-triphosphate		
BD	1,4-Butanediol		
BDD	Dimethyl-4,4'-dimethoxy-5,6,5',6'-dimethylenedioxy biphenyl-2,2'-dicarboxylate		
Bromelain			
Bufotenine	Bufotenine		
Carbodenafil	Carbodenafil		
Catalase			
Chloropretadalafil	Chloropretadalafil		
Cyclofenil			
Cyclopentynafil	Cyclopentynafil		
1-deoxynojirimycin	DNJ		
Des- <i>N,N</i> -dimethyl-sibutramine	Des- <i>N,N</i> -dimethyl-sibutramine		
Des- <i>N</i> -methyl-sibutramine	Des- <i>N</i> -methyl-sibutramine		
Dextromethorphan	Dextromethorphan		
Dextromethorphan Hydrobromide	Dextromethorphan Hydrobromide		
DHEA	Dehydroepiandrosterone		
Dimethyldithiodenafil	Dimethyldithiodenafil		
Ephedrine			
Gamma-oryzanol			
GBL	Gamma-butyrolactone		
Gendenafil	Gendenafil		
Glutathione			
Guaifenesin			
Harmaline	Harmaline		
Harmine	Harmine		
hEGF	Human epidermal growth factor		
Homosildenafil	Homosildenafil		
Homotadalafil	Homotadalafil		
Homothiodenafil	Homothiodenafil		

Name	Alternative name, etc.	Part	Remarks
Hongdenafil	Acetildenafil /Hongdenafil/Acetildenafil		
5-HTP (hydroxytryptophan)	L-5-Hydroxy-tryptophan		
Hydroxyhomosildenafil	Hydroxyhomosildenafil		
Hydroxyhongdenafil	Hydroxyhongdenafil		
Hydroxythiohomosildenafil	Hydroxythiohomosildenafil		
Imidazosagatriadinone	Imidazosagatriadinone		
Invertase	Invertin/Saccharase/Beta-fructofuranosidase		
Kaolin			
Lactase	Beta-galactosidase		
Lipase			
Lumbrokinase			
Magnoflorine	Magnoflorine		
Maltase	Alpha-glucosidase		
Melatonin	Pineal hormone		
Methisosildenafil	Methisosildenafil		
Mutaprodenafil	Mutaprodenafil		
N-acetylcysteine	N-acetyl-L-cysteine/Acetylcysteine		
Nicotine			
Nitrodenafil	Nitrodenafil		
N-nitrosufenfluramine			
N-octylnortadalafil	N-octylnortadalafil		
Norhongdenafil	Norhongdenafil		
Norneosildenafil	Norneosildenafil		
Pancreatin			
Papain			Processed papayas and pineapples are “non-pharmaceutical materials.”
Pepsin			
Prostaglandin			
Protease			
Pseudovardenafil	Piperildenafil /Pseudovardenafil/Piperildenafil		
Red hematite	Red hematite/Hematite		Ore
S-adenosyl-L-methionine	SAME		
Sildenafil	Sildenafil		
Sulfonamide			
Tadalafil	Tadalafil		
Taurine			
Thioildenafil	Thioildenafil		
Thiodenafil	Thiodenafil		

Name	Alternative name, etc.	Part	Remarks
Thioquinapiperifil	Thioquinapiperifil		
Udenafil	Udenafil		
Vardenafil	Vardenafil		
Vincamine			
Xanthoanthrafil	Xanthoanthrafil		

Note 1) In case it is difficult to classify a crude drug because another part thereof is listed in another list, said explanation is described in the “Remarks” column.

Note 2) The description of “non-pharmaceutical material(s)” in the “Remarks” column means that the crude drug is listed in the “List of essential ingredients (raw materials) not recognized as drugs unless the product claims efficacy and/or effectiveness.”

Note 3) Names of digestive enzymes include collective terms of enzymes that have the same functions.