

Product: 546 - Plants and Plant Parts, Algae, Fresh Water Spirogyra sp.

Recommended Scientific Name Spirogyra, (species to be specified)

Manufacturers of this Product

Antigen Laboratories, Inc. - Liberty, MO (Lic. No. 468, STN No. 102223)

Search Strategy

PubMed: algae allergen; spirogyra allergen; spirogyra allergy; spirogyra immunotherapy; spirogyra

Google: spirogyra allergen, spirogyra allergen adverse, spirogyra allergy, spirogyra allergy adverse; same search results performed for algae

Nomenclature

According to ITIS, the correct spelling of Spirogyra is Spirogyra. There are more than 50 species within the Spirogyra genus.

Synonym: None

Parent Product

546 - Plants and Plant Parts, Algae, Fresh Water Spirogyra sp.

Published Data

Most articles refer to Chlorella genus, not Spirogyra genus and were therefore not reviewed in the context of a Spirogyra product. No supportive data were identified.

Panels:

	<u>Original Panel Recommendation</u>	<u>Reclassification Panel Recommendation</u>
<u>Diagnosis:</u>	Category I	Category I
<u>Therapy:</u>	Category IIIA	Category I

Product: 547 - Plants and Plant Parts, Algae, Lake Oedogoniales

Recommended Scientific Name genus and species to be specified

Manufacturers of this Product

Antigen Laboratories, Inc. - Liberty, MO (Lic. No. 468, STN No. 102223)

Search Strategy

PubMed: oedogoniales allergen; oedogoniales; algae immunotherapy; algae allergen cross-reactivity; Chlorella cross-reactivity; algae cross-reactivity; alga cross-reactivity allergy

Google: oedogoniales allergy; oedogoniales allergy adverse; oedogoniales allergen; oedogoniales allergen adverse; same search results performed for algae

Nomenclature

According to ITIS, Oedogoniales is the order taxonomic name of these filamentous green algae. The Oedogoniales order contains one family, Oedogoniaceae. Within the Oedogoniaceae family there are three genera, Bulbochaete with ~40 species, Eedocladium with 2 species, and Oedogonium with ~100 species. Most articles refer to Chlorella genus. Chlorella is in the order Chlorococcales.

Parent Product

547 - Plants and Plant Parts, Algae, Lake Oedogoniales

Published Data

There are no known published data on family Oedogoniaceae.

Panels:

	<u>Original Panel Recommendation</u>	<u>Reclassification Panel Recommendation</u>
<u>Diagnosis:</u>	Category I	Category I
<u>Therapy:</u>	Category IIIA	Category I

Product: 548 - Plants and Plant Parts, Algae, Lake Zygnematales

Recommended Scientific Name genus and species to be specified

Manufacturers of this Product

Antigen Laboratories, Inc. - Liberty, MO (Lic. No. 468, STN No. 102223)

Search Strategy

PubMed: zygnematales, phylogenetic; zygnematales allergen; zygnematales allergy; zygnematales immunotherapy

Google: zygnematales allergy; zygnematales allergy adverse; zygnematales allergen; zygnematales allergen adverse; same search results performed for algae

Nomenclature

According to ITIS, the Zygnematales is an order taxonomic name within the green algae division. There are three families: Desmidiaceae, Mesotaeniaceae, and Zygnemataceae. Most articles refer to Chlorella genus. Chlorella is in the order Chlorococcales.

Parent Product

548 - Plants and Plant Parts, Algae, Lake Zygnematales

Published Data

There are no known published data on order Zygnematales.

Panels:

	<u>Original Panel Recommendation</u>	<u>Reclassification Panel Recommendation</u>
<u>Diagnosis:</u>	Category I	Category I
<u>Therapy:</u>	Category IIIA	Category I

Product: 549 - Plants and Plant Parts, Cotton Linters

Recommended Scientific Name Gossypium, (species to be specified)

Manufacturers of this Product

- Antigen Laboratories, Inc. - Liberty, MO (Lic. No. 468, STN No. 102223)
- Greer Laboratories, Inc. - Lenoir, NC (Lic. No. 308, STN No. 101833)
- ALK-Abello Inc. - Port Washington, NY (Lic. No. 1256, STN No. 103753)
- Allermed Laboratories, Inc. - San Diego, CA (Lic. No. 467, STN No. 102211)
- Nelco Laboratories, Inc. - Deer Park, NY (Lic. No. 459, STN No. 102192)

Search Strategy

PubMed: cotton linters; cotton linters allergen; cotton linters allergy; cotton linters immunotherapy
Google: cotton linters allergy; cotton linters allergy adverse; cotton linters allergen; cotton linters allergen adverse

Nomenclature

According to ITIS, cotton is found in the Gossypium genus. There are 39 species of cotton in the genus Gossypium, 4 of which are cultivated. G. hirtum is the primary cultivated cotton. G. barbadense (Egyptian) L., G. arboreum L., and G. herbaceum L (both Asian) are also cultivated. G. thurberi Todaro and G. tomentosum Nuttall ex Seemann are wild plants of Arizona and Hawaii, respectively. (aphis.usda.gov and wikipedia).

Parent Product

549 - Plants and Plant Parts, Cotton Linters

Published Data

PMID 7426464 reported that approximately 10% of the 230 subjects were skin test positive to saline extracts of homogenized cottonseed linters. PMID 7324077 reported that 13 out of 43 subjects were skin test positive to cotton linters extract. Two of the five subjects who received provocative nasal challenge were positive. Articles did not specify a genus or species.

<u>Documents</u>	<u>PubMed Number</u>	<u>Author</u>	<u>Year Published</u>
549_Br J Ind Med 37-141.pdf	7426464	Jones, R.N.	1980
549_Tokai J Exp Clin Med-6-363.pdf	7324077	Uchikoshi, S.	1981
549_Artificial Organs-8-318.pdf	6477200	Butcher, B.T.	1984

Panels:

	<u>Original Panel Recommendation</u>	<u>Reclassification Panel Recommendation</u>
<u>Diagnosis:</u>	Category I	Category I
<u>Therapy:</u>	Category IIIA	Category I

Product: 550 - Plants and Plant Parts, Cottonseed Gossypium spp.

Recommended Scientific Name Gossypium, (species to be specified)

Manufacturers of this Product

- Greer Laboratories, Inc. - Lenoir, NC (Lic. No. 308, STN No. 101833)
- ALK-Abello Inc. - Port Washington, NY (Lic. No. 1256, STN No. 103753)
- Allermed Laboratories, Inc. - San Diego, CA (Lic. No. 467, STN No. 102211)
- Nelco Laboratories, Inc. - Deer Park, NY (Lic. No. 459, STN No. 102192)
- Allergy Laboratories, Inc. - Oklahoma City, OK (Lic. No. 103, STN No. 101376)

Search Strategy

PubMed: Cotton seed allergy; Cotton seed allergen; Cotton seed immunotherapy-
Google: cottonseed allergy; cottonseed allergy adverse; cottonseed allergen; cottonseed allergen adverse; same search results performed for Gossypium

Nomenclature

There are 39 species of cotton in the genus Gossypium, 4 of which are cultivated. G. hirtum is the primary cultivated cotton. G. barbadense (Egyptian) L., G. arboreum L., and G. harbaceum L (both Asian) are also cultivated. G. thurberi Todaro and G. tomentosum Nuttall ex Seemann are wild plants of Arizona and Hawaii, respectively. (aphis.usda.gov and wikipedia).

Parent Product

550 - Plants and Plant Parts, Cottonseed Gossypium spp.

Published Data

According to Panel 1, this is chiefly a food allergy (pg 3211). Early in the history of specialty of allergy, several deaths from intradermal testing with cottonseed allergen were reported (pg 3212, Refs. 28-30). As a result, it has been the common practice to limit the use of the cottonseed allergen for cutaneous testing only, a warning that cottonseed extract is an extremely potent allergy and it should not be recommended for intradermal testing without proper dilution.

PMID 7426464 approximately 10% of the 230 subjects were skin test positive to saline extracts of homogenized whole cottonseed.

PMID 3403864 evaluates cottonseed as a food allergen extract.

<u>Documents</u>	<u>PubMed Number</u>	<u>Author</u>	<u>Year Published</u>
549_ Br J Ind Med 37-141.pdf	7426464	Jones, R.N.	1980
550_ J Allergy Clin Immunol-82-242.pdf	3403864	Atkins, F.M.	1988

Panels:

	<u>Original Panel Recommendation</u>	<u>Reclassification Panel Recommendation</u>
<u>Diagnosis:</u>	Category I	Category I
<u>Therapy:</u>	Category IIIB	Category I

Product: 551 - Plants and Plant Parts, Flaxseed or Linseed *Linum usitatissimum*

Recommended Common Name Flax, Common

Manufacturers of this Product

- Antigen Laboratories, Inc. - Liberty, MO (Lic. No. 468, STN No. 102223)
- Greer Laboratories, Inc. - Lenoir, NC (Lic. No. 308, STN No. 101833)
- ALK-Abello Inc. - Port Washington, NY (Lic. No. 1256, STN No. 103753)
- Allermed Laboratories, Inc. - San Diego, CA (Lic. No. 467, STN No. 102211)
- Nelco Laboratories, Inc. - Deer Park, NY (Lic. No. 459, STN No. 102192)
- Allergy Laboratories, Inc. - Oklahoma City, OK (Lic. No. 103, STN No. 101376)

Search Strategy

PubMed: flaxseed allergy; flaxseed allergen; flaxseed immunotherapy; linseed allergy; linseed allergen; linseed immunotherapy; linum usitatissimum; linum

Google: flaxseed allergy; flaxseed allergy adverse; flaxseed allergen; flaxseed allergen adverse; same search results performed for linseed and *Linum usitatissimum*

Nomenclature

USDA refers to *Linum usitatissimum* L. as "common flax". Very common-in-use terms are flaxseed and linseed. According to ITIS, *Linum usitatissimum* is called common flax or cultivated flax. Synonyms are *Linum humile* and *Linum usitatissimum* var. *humile*. The *Linum* genus is found in the Linaceae family.

Parent Product

551 - Plants and Plant Parts, Flaxseed or Linseed *Linum usitatissimum*

Published Data

PMID 3950255, reports on a subject skin test positive to flaxseed who also demonstrated allergy to flaxseed as a food allergen.

PMID 8757228, 12573209, and 9491240 report on three independent cases where the patients were skin test positive and had specific IgE antibodies to linseed. Linseed genus and species was referenced in two of the articles.

<u>Documents</u>	<u>PubMed Number</u>	<u>Author</u>	<u>Year Published</u>
551_J Allergy Clin Immunol-77-516.pdf	3950255	Stricker, W.E.	1986
551_J Allergy Clin Immunol-98-469.pdf	8757228	Alonso, L.	1996
551_Allergol et Immunopathol-31-47.pdf	12573209	León, F.	2003
551_Allergy-53-105.pdf	9491240	Lezaun, A.	1998

Panels:

	<u>Original Panel Recommendation</u>	<u>Reclassification Panel Recommendation</u>
<u>Diagnosis:</u>	Category I	none
<u>Therapy:</u>	Category IIIB	none

Product: 552 - Plants and Plant Parts, Gum, Acacia or Arabic Acacia senegal

Recommended Common Name Gum, Arabic

Manufacturers of this Product

- Antigen Laboratories, Inc. - Liberty, MO (Lic. No. 468, STN No. 102223)
- Greer Laboratories, Inc. - Lenoir, NC (Lic. No. 308, STN No. 101833)
- ALK-Abello Inc. - Port Washington, NY (Lic. No. 1256, STN No. 103753)
- Nelco Laboratories, Inc. - Deer Park, NY (Lic. No. 459, STN No. 102192)
- Allergy Laboratories, Inc. - Oklahoma City, OK (Lic. No. 103, STN No. 101376)

Search Strategy

PubMed: gum allergen; gum allergy; gum immunotherapy; Acacia allergen; Acacia allergy; Acacia immunotherapy; Acacia senegal allergen; Acacia senegal allergy; Acacia senegal immunotherapy
Google: Acacia allergy; Acacia allergy adverse; Acacia allergen; Acacia allergen adverse; same search results performed for Arabic Acacia senegal

Nomenclature

According to ITIS, the scientific name, Acacia senegal, is correct and current. The common name is gum arabic. Synonym is Acacia verek. Gum arabic is the dried exudate from the plant, as opposed to the pollen.

Parent Product

552 - Plants and Plant Parts, Gum, Acacia or Arabic Acacia senegal

Published Data

Panel 1 (pg 3215) referenced "The Vegetable Gums by Ingestion in the Etiology of Allergic Disorders", Ref. 43, reporting on positive skin test results and passive transfer reactions to gum Arabic.

PMID 9860236, patients had negative skin prick test results to gum Arabic.

PMID 16804326, eight out of 12 subjects were skin test positive to gum Arabic.

PMID 80627, a clinical report used scratch tests to diagnosis hypersensitivity to acacia and tragacanth. This report did not describe the formulation of the acacia or tragacanth.

<u>Documents</u>	<u>PubMed Number</u>	<u>Author</u>	<u>Year Published</u>
552_ Allergy-53-1043.pdf	9860236	Fötisch, K.	1998
552_ Int Arch Allergy Immunol-141-51.pdf	16804326	Sander, I.	2006
552_ Lancet-2-689.pdf	80627	Rubinger, D.	1978

Panels:	<u>Original Panel Recommendation</u>	<u>Reclassification Panel Recommendation</u>
<u>Diagnosis:</u>	Category I	Category II
<u>Therapy:</u>	Category IIIA	Category II

Product: 553 - Plants and Plant Parts, Gum, Karaya or Bassora Cochlospermum religiosum

Recommended Common Name Tree, Silk-cotton

Manufacturers of this Product

- Antigen Laboratories, Inc. - Liberty, MO (Lic. No. 468, STN No. 102223)
- Greer Laboratories, Inc. - Lenoir, NC (Lic. No. 308, STN No. 101833)
- ALK-Abello Inc. - Port Washington, NY (Lic. No. 1256, STN No. 103753)
- Allermed Laboratories, Inc. - San Diego, CA (Lic. No. 467, STN No. 102211)
- Nelco Laboratories, Inc. - Deer Park, NY (Lic. No. 459, STN No. 102192)
- Allergy Laboratories, Inc. - Oklahoma City, OK (Lic. No. 103, STN No. 101376)

Search Strategy

PubMed: gum karaya allergen; gum karaya allergy; gum karaya immunotherapy; Kutera gum bassora gum; bassora; cochlospermum; cochlospermum religiosum
Google: karaya allergy; karaya allergy adverse; karaya allergen; karaya allergen adverse; same search results performed for Cochlospermum religiosum

Nomenclature

According to ITIS, the scientific name is Cochlospermum religiosum. The common name is silk-cotton tree. The scientific and common names are correct and current. The Cochlospermum genus is found in Bixaceae family.

Parent Product

553 - Plants and Plant Parts, Gum, Karaya or Bassora Cochlospermum religiosum

Published Data

Panel 1 (pg 3215) referenced "The Vegetable Gums by Ingestion in the Etiology of Allergic Disorders", Ref. 43, reporting on positive skin test results and passive transfer reactions to gum karaya.

PMID 3956793 was an animal study.

PMID 6565019 used exposure to karaya gum for diagnosis not an extract and PMID 7351758 used scratch testing for diagnosis.

<u>Documents</u>	<u>PubMed Number</u>	<u>Author</u>	<u>Year Published</u>
552_Food Addit Contam-3-47.pdf	3956793	Strobel, S.	1986
553_J Ent Ther-11-159.pdf	6565019	Colwell, J.C.	1984
553_JAMA-243-432.pdf	7351758	Wagner, W.	1980

Panels:	<u>Original Panel Recommendation</u>	<u>Reclassification Panel Recommendation</u>
<u>Diagnosis:</u>	Category I	Category I
<u>Therapy:</u>	Category IIIA	Category II

Product: 554 - Plants and Plant Parts, Gum, Tragacanth Astragalus gummifer

Manufacturers of this Product

Antigen Laboratories, Inc. - Liberty, MO (Lic. No. 468, STN No. 102223)
Greer Laboratories, Inc. - Lenoir, NC (Lic. No. 308, STN No. 101833)
ALK-Abello Inc. - Port Washington, NY (Lic. No. 1256, STN No. 103753)
Nelco Laboratories, Inc. - Deer Park, NY (Lic. No. 459, STN No. 102192)
Allergy Laboratories, Inc. - Oklahoma City, OK (Lic. No. 103, STN No. 101376)

Search Strategy

PubMed: tragacanth allergen; tragacanth allergy; tragacanth immunotherapy; Astragalus gummifer; Astragalus; Astragalus allergy
Google: tragacanth allergy; tragacanth allergy adverse; tragacanth allergen; tragacanth allergen adverse; same search results performed for Astragalus gummifer

Nomenclature

According to ITIS, the scientific name is Astragalus gummifer. The common name is gum tragacanth milkvetch. The scientific and common names are correct and current. The Astragalus genus is found in the Fabaceae family.

Parent Product

554 - Plants and Plant Parts, Gum, Tragacanth Astragalus gummifer

Published Data

Panel 1 (pg 3215) referenced "The Vegetable Gums by Ingestion in the Etiology of Allergic Disorders", Ref. 43, reporting on positive skin test results and passive transfer reactions to gum Tragacanth.

PMID 3956793 was an animal study.

PMID 80627 is a poorly described case report of one person with positive skin prick test results to "tragacanth" who had allergy to a drug product containing the substance and one person without allergy to the drug product who had positive skin prick test results.

<u>Documents</u>	<u>PubMed Number</u>	<u>Author</u>	<u>Year Published</u>
552_ Food Addit Contam-3-47.pdf	3956793	Strobel, S.	1986
552_ Lancet-2-689.pdf	80627	Rubinger, D.	1978

Panels:	<u>Original Panel Recommendation</u>	<u>Reclassification Panel Recommendation</u>
<u>Diagnosis:</u>	Category I	Category I
<u>Therapy:</u>	Category IIIA	Category II

Product: 556 - Plants and Plant Parts, Henna Lawsonia inermis

Manufacturers of this Product

Allergy Laboratories, Inc. - Oklahoma City, OK (Lic. No. 103, STN No. 101376)

Search Strategy

PubMed: henna allergen; henna allergy; henna immunotherapy; lawsonia; lawsonia allergy; lawsonia inermis; lawsonia IgE; henna IgE

Google: henna allergy; henna allergy adverse; henna allergen; henna allergen adverse; same search results performed for Lawsonia inermis

Nomenclature

According to ITIS, the scientific name, Lawsonia inermis, is correct and current. The common name is henna. Synonym is Lawsonia alba. The Lawsonia genus is found in the Lythraceae family.

Parent Product

556 - Plants and Plant Parts, Henna Lawsonia inermis

Published Data

PMID 11251407, 8796740 and 455976 are case reports demonstrating positive skin prick test to henna extract in an atopic subject while control subjects had negative skin prick test results.

PMID 16183459 details a suicide as a result of anaphalaxis after ingesting henna.

PMID 963869 describes diagnosis of atopic subject using skin test test and confirming results with inhalation test using henna.

<u>Documents</u>	<u>PubMed Number</u>	<u>Author</u>	<u>Year Published</u>
556_ Allergy -56-248.pdf	11251407	Bolhaar, S.T.	2001
556_ Am J Contact Dermat-7-38.pdf	8796740	Majoie, I.M.	1996
556_ J Emerg Med-29-343.pdf	16183459	Kök, A.N.	2005
556_ Clin Allergy-6-399.pdf	963869	Pepys, J.	1976
556_ Contact Dermatitis-5-198.pdf	455976	Cronin, E.	1979

Panels:

	<u>Original Panel Recommendation</u>	<u>Reclassification Panel Recommendation</u>
<u>Diagnosis:</u>	none	none
<u>Therapy:</u>	none	none

Product: 557 - Plants and Plant Parts, Jute Corchorus sp.

Recommended Scientific Name Corchorus, (species to be specified)

Manufacturers of this Product

- Antigen Laboratories, Inc. - Liberty, MO (Lic. No. 468, STN No. 102223)
- Allermed Laboratories, Inc. - San Diego, CA (Lic. No. 467, STN No. 102211)
- Nelco Laboratories, Inc. - Deer Park, NY (Lic. No. 459, STN No. 102192)
- Allergy Laboratories, Inc. - Oklahoma City, OK (Lic. No. 103, STN No. 101376)

Search Strategy

PubMed: jute; jute allergy; jute allergen; jute immunotherapy; jute corchorus
Google: jute corchorus allergy; jute corchorus allergy adverse; jute corchorus allergen; jute corchorus allergen adverse

Nomenclature

According to the USDA PLANTS database, there are 9 species of Corchorus. According to ITIS, there is one variety and eight species of Corchorus. The Corchorus genus is found in the Tiliaceae family.

Parent Product

557 - Plants and Plant Parts, Jute Corchorus sp.

Published Data

No supportive data were identified.

Panels:

	<u>Original Panel Recommendation</u>	<u>Reclassification Panel Recommendation</u>
<u>Diagnosis:</u>	Category IIIA	Category II
<u>Therapy:</u>	Category IIIA	Category II

Product: 558 - Plants and Plant Parts, Kapok Ceiba pentandra

Manufacturers of this Product

Antigen Laboratories, Inc. - Liberty, MO (Lic. No. 468, STN No. 102223)
Greer Laboratories, Inc. - Lenoir, NC (Lic. No. 308, STN No. 101833)
Hollister-Stier Labs, LLC - Spokane, WA (Lic. No. 1272, STN No. 103888)
ALK-Abello Inc. - Port Washington, NY (Lic. No. 1256, STN No. 103753)
Allermed Laboratories, Inc. - San Diego, CA (Lic. No. 467, STN No. 102211)
Nelco Laboratories, Inc. - Deer Park, NY (Lic. No. 459, STN No. 102192)
Allergy Laboratories, Inc. - Oklahoma City, OK (Lic. No. 103, STN No. 101376)

Search Strategy

PubMed: kapok allergen; kapok allergy; kapok immunotherapy; Ceiba pentandra; Ceiba pentandra allergy
Google: kapok allergy; kapok allergy adverse; kapok allergen; kapok allergen adverse; same search results performed for Ceiba pentandra

Nomenclature

According to ITIS, the scientific name, Ceiba pentandra, is correct and current. Common names are kapoktree, and silk cotton tree. Synonyms are Bombax pentandrum, Ceiba caribaeae, and Eriodendron anfractuosum. The Ceiba genus is found in the Bombacaceae family.

Parent Product

558 - Plants and Plant Parts, Kapok Ceiba pentandra

Published Data

PMID 10604550 used kapok seed to diagnose allergen in 3-5 years, 6-14 years, and greater than 14 year old patients. PMID 3631656, 57 out of 350 atopic patients were skin test positive to Kapok.

PMID 578397, 40% of rhinitis patients had positive skin tests to Kapok.

PMID 8040150 reports on the use of bronchial challenge to confirm occupational asthma to kapok.

PMID 9579610, 15305943, and 911688 report on subjects who are skin test positive to Kapok.

<u>Documents</u>	<u>PubMed Number</u>	<u>Author</u>	<u>Year Published</u>
558_ Allergy-54-1150.pdf	10604550	Chew, F.T.	1999
558_ Ann Allergy-59-207.pdf	3631656	Tuchinda, M.	1987
558_ Ann Allergy-39-201.pdf	578397	Dhorranintra, B.	1977
558_ J Asthma-31-243.pdf	8040150	Kern, D.G.	1994
558_ Asian Pac J Allergy Immunol-15-183.pdf	9579610	Pumhirun, P.	1997
558_ Pediatr Allergy Immunol-15-340.pdf	15305943	Kidon, M.I.	2004
558_ Br J Ind Med-34-181.pdf	911688	Uragoda, C.G.	1977

Panels:

	<u>Original Panel Recommendation</u>	<u>Reclassification Panel Recommendation</u>
<u>Diagnosis:</u>	Category IIIA	Category II
<u>Therapy:</u>	Category IIIA	Category II

Product: 559 - Plants and Plant Parts, Orris Root Iris florentina

Recommended Scientific Name Iris germanica var. florentina

Manufacturers of this Product

- Antigen Laboratories, Inc. - Liberty, MO (Lic. No. 468, STN No. 102223)
- Greer Laboratories, Inc. - Lenoir, NC (Lic. No. 308, STN No. 101833)
- ALK-Abello Inc. - Port Washington, NY (Lic. No. 1256, STN No. 103753)
- Allermed Laboratories, Inc. - San Diego, CA (Lic. No. 467, STN No. 102211)
- Nelco Laboratories, Inc. - Deer Park, NY (Lic. No. 459, STN No. 102192)
- Allergy Laboratories, Inc. - Oklahoma City, OK (Lic. No. 103, STN No. 101376)

Search Strategy

PubMed: orris root; orris allergen; orris allergy; orris immunotherapy; iris florentina
Google: orris root allergy; orris root allergy adverse; orris root allergen; orris root allergen adverse; same search results performed for iris florentina

Nomenclature

According to ITIS, the current name of Iris florentia is Iris germanica var. florentina. Common names are German iris and orris-root. The Iris genus is found in the Iridaceae family.

Parent Product

559 - Plants and Plant Parts, Orris Root Iris florentina

Published Data

No supportive data were identified.

Panels:

	<u>Original Panel Recommendation</u>	<u>Reclassification Panel Recommendation</u>
<u>Diagnosis:</u>	Category IIIA	Category I
<u>Therapy:</u>	Category IIIA	Category II

Product: 560 - Plants and Plant Parts, Pyrethrum Chrysanthemum spp.

Recommended Scientific Name genus and species to be specified

Manufacturers of this Product

Antigen Laboratories, Inc. - Liberty, MO (Lic. No. 468, STN No. 102223)

Greer Laboratories, Inc. - Lenoir, NC (Lic. No. 308, STN No. 101833)

ALK-Abello Inc. - Port Washington, NY (Lic. No. 1256, STN No. 103753)

Allergy Laboratories, Inc. - Oklahoma City, OK (Lic. No. 103, STN No. 101376)

Search Strategy

PubMed: pyrethrum; pyrethrum allergy; pyrethrum allergen; pyrethrum immunotherapy; pyrethrum chrysanthemum; pyrethrum chrysanthemum allergy; pyrethrin allergy

Google: pyrethrum chrysanthemum allergy; pyrethrum chrysanthemum allergy adverse; pyrethrum chrysanthemum allergen; pyrethrum chrysanthemum allergen adverse

Nomenclature

According to ITIS, the Pyrethrum genus is no longer an accepted genus name. According to USDA PLANTS database Pyrethrum is a former genus name. The three species listed in this genus Pyrethrum anethifolium currently called Argyranthemum foeniculum (dill daisy), Pyrethrum cinerariifolium currently called Chrysanthemum cinerariifolium, and Pyrethrum majus currently called Tanacetum balsamita.

Parent Product

560 - Plants and Plant Parts, Pyrethrum Chrysanthemum spp.

Published Data

There are case reports addressing allergy to pyrethrin (a more purified form of pyrethrum). Pyrethroid is the synthetic version. Pyrethrins are now used in insecticide sprays and shampoos. However, in case reports of allergy found, skin prick testing does not seem to be the way that the IgE mediated inhalation allergy is diagnosed, rather careful medical history and allergy symptoms are used in the diagnosis (PMID 10924422, 3197386, 1921387, 8057406).

<u>Documents</u>	<u>PubMed Number</u>	<u>Author</u>	<u>Year Published</u>
560_ wjm-173-86.pdf	10924422	Wagner, S.L.	2000
560_ Clin Pharm-7-846.pdf	3197386	Culver, C.A.	1988
560_ J Tenn Med Assoc-84-442.pdf	1921387	Lewis, T.J.	1991
560_ J Toxicol Clin Toxicol-32-457.pdf	8057406	Wax, P.M.	1994

<u>Panels:</u>	<u>Original Panel Recommendation</u>	<u>Reclassification Panel Recommendation</u>
<u>Diagnosis:</u>	Category IIIA	Category I
<u>Therapy:</u>	Category IIIA	Category II

Product: 561 - Plants and Plant Parts, Sisal Agave sisalina

Recommended Scientific Name Agave sisalina

Manufacturers of this Product

Allermed Laboratories, Inc. - San Diego, CA (Lic. No. 467, STN No. 102211)

Nelco Laboratories, Inc. - Deer Park, NY (Lic. No. 459, STN No. 102192)

Search Strategy

PubMed: sisal; sisal allergen; sisal allergy; sial immunotherapy; agave sisalina

Google: sisal allergy; sisal allergy adverse; sisal allergen; sisal allergen adverse; same search results performed for Agave sisalina

Nomenclature

According to ITIS, the current scientific name of Agave sisalina is Agave sisalina. Common names are sisal and sisal hemp. The Agave genus is found in the Agavaceae family.

Parent Product

561 - Plants and Plant Parts, Sisal Agave sisalina

Published Data

Panel 1 (pg 3218) reports that sisal is cultivated to make rope and twine.

PMID 4122162, One article found regarding in vitro effects of sisal extracts on human, pig, and rat lung tissue.

<u>Documents</u>	<u>PubMed Number</u>	<u>Author</u>	<u>Year Published</u>
561_Br J Ind Med-30-142.pdf	4122162	Nicholls, P.J.	1973

Panels:

	<u>Original Panel Recommendation</u>	<u>Reclassification Panel Recommendation</u>
<u>Diagnosis:</u>	Category IIIA	Category II
<u>Therapy:</u>	Category IIIA	Category II

Product: 562 - Plants and Plant Parts, Tobacco, Leaf

Recommended Common Name Tobacco, Cultivated

Recommended Scientific Name Nicotiana tabacum

Manufacturers of this Product

Antigen Laboratories, Inc. - Liberty, MO (Lic. No. 468, STN No. 102223)

Greer Laboratories, Inc. - Lenoir, NC (Lic. No. 308, STN No. 101833)

Allermed Laboratories, Inc. - San Diego, CA (Lic. No. 467, STN No. 102211)

Nelco Laboratories, Inc. - Deer Park, NY (Lic. No. 459, STN No. 102192)

Search Strategy

PubMed: tobacco leaf allergen; tobacco leaf allergy; tobacco leaf immunotherapy

Google: tobacco leaf allergy; tobacco leaf allergy adverse; tobacco leaf allergen; tobacco leaf allergen adverse

Nomenclature

No species name is listed by the manufacturers; however there seems to be only one species of cultivated tobacco (Nicotiana tabacum). According to ITIS, Nicotiana tabacum is called cultivated tobacco. The Nicotiana genus is found in the Solanaceae family.

Parent Product

562 - Plants and Plant Parts, Tobacco, Leaf

Published Data

PMID 15617662, 6 out of 76 tobacco workers with rhinitis were positive to prick test and 53 out of 76 were positive to nasal provocation.

PMID 7065116 is a pre-clinical veterinary study.

PMID 10071524 is a case report with CAP inhibition studies. The patient was skin prick positive and positive to conjunctival challenge to green and cured tobacco. CAP inhibition studies showed inhibition to tomato. Subject did not have allergic symptoms after eating tomato or other vegetables from the Solanaceae family. Family Solanaceae, includes eggplant and potato.

PMID 7436059, 16 atopic patients were studied. Four cases of positive passive transfer were performed. Thirteen patients received desensitization treatment, 87 subjects were added to a total of 100 desensitization subjects. Sixty-eight subjects responded excellent and 32 responded fair or good to tobacco desensitization. However, the desensitization study was uncontrolled, there was insufficient data to support efficacy of immunotherapy.

<u>Documents</u>	<u>PubMed Number</u>	<u>Author</u>	<u>Year Published</u>
562_ Allergol Immunopathol-32-344.pdf	15617662	Chloros, D.	2004
562_ Am J Pathol-106-318.pdf	7065116	Levi, R.	1982
562_ Ann Allergy Asthma Immunol-82-194.pdf	10071524	Ortega, N.	1999
562_ Ann Allergy-45-304.pdf	7436059	Zussman, B.M.	1980

Panels:	<u>Original Panel Recommendation</u>	<u>Reclassification Panel Recommendation</u>
<u>Diagnosis:</u>	Category I	Category I
<u>Therapy:</u>	Category IIIA	Category II