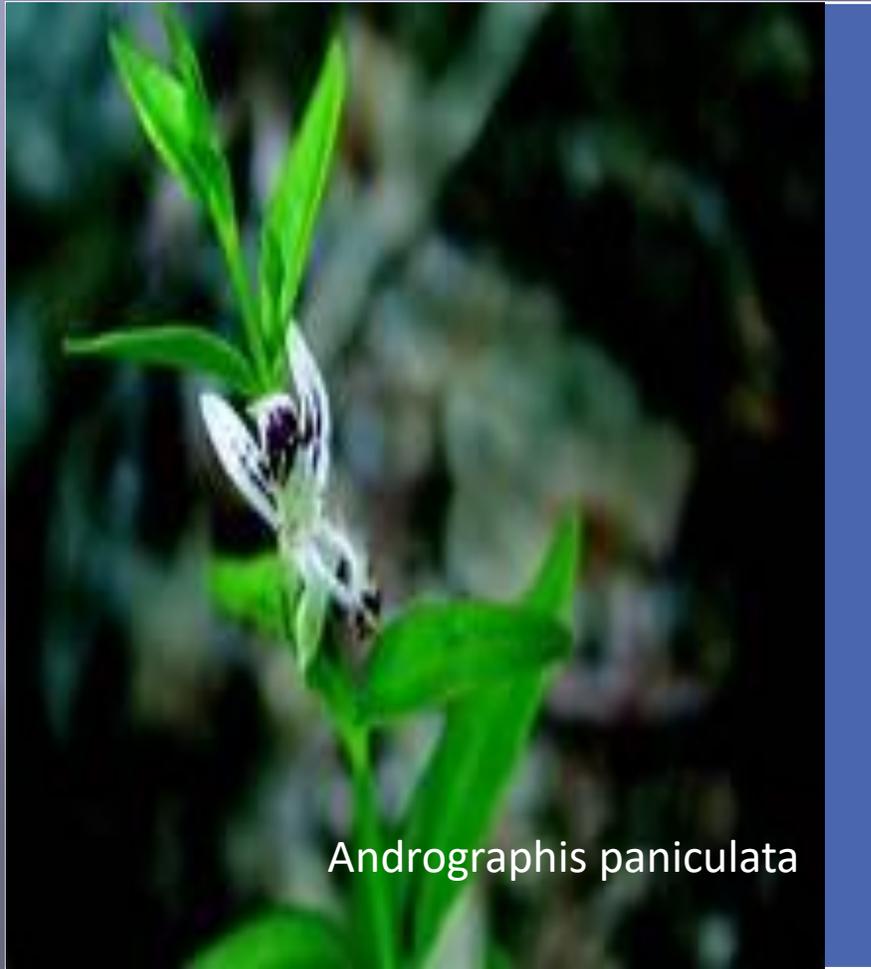
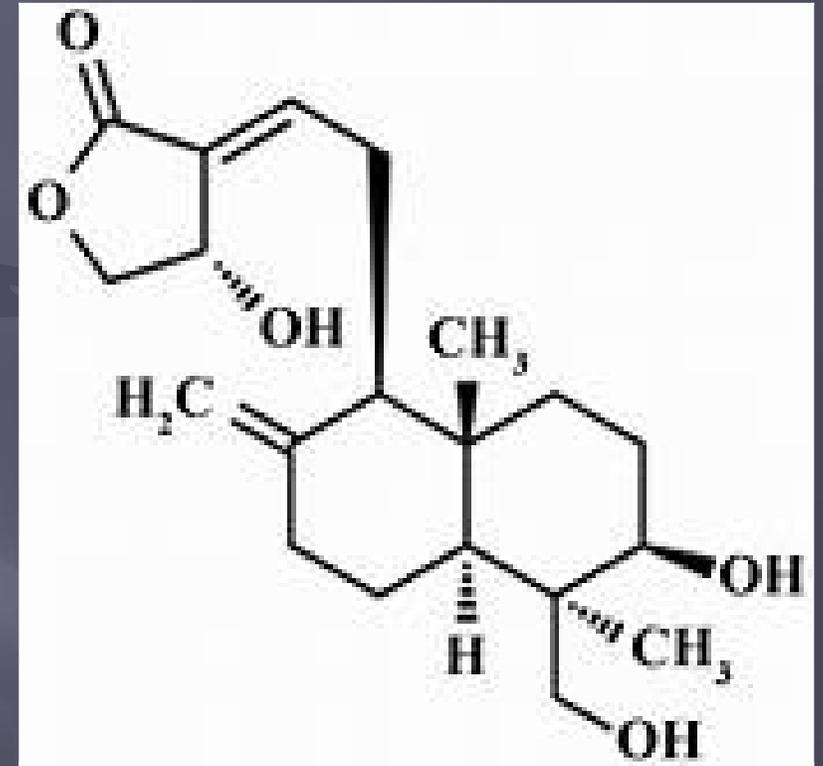


# ANDROGRAPHOLIDE



Andrographolide



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# ANDROGRAPHOLIDE

**Andrographis paniculata**, commonly known as creat or green chireta, is an annual herbaceous plant in the family Acanthaceae, native to India and Sri Lanka. It is widely cultivated in Southern and Southeastern Asia, where it has been traditionally used to treat infections and some diseases

**Andrographis paniculata** (**Kalmegh**) is an antioxidant and anti-inflammatory in nature. It is used for the treatment of cancer and HIV. The regular use of **Andrographis paniculata** is helpful to cure cough, cold, sinusitis and body pain

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## **Andrographis paniculate**

has the ability to protect the liver tissues against the bad effects of alcohol and toxins. It helps to strengthen the liver functions and relieve the symptoms of fatty liver even when used in small doses. ...

Kalmegh (*Andrographis paniculata*): Kalmegh is a potent liver tonic.



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Andrographolide is the main diterpenoid lactone contained in the leaves of *Andrographis paniculata*. This bioactive component has multifunctional medicinal properties such as activity against fever, dysentery, diarrhoea, inflammation, and sore throat as well as immune disorder

Andrographolide, is grouped as an unsaturated trihydroxy lactone has molecular formula of  $C_{20}H_{30}O_5$ .

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Andrographolide-msds-1.pdf - Adobe Acrobat Reader DC

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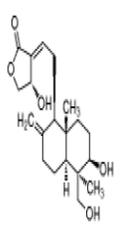
Home Tools Andrographolide-m... x Sign In

1 / 1 100% Share

## Product Specification

Product Name: Andrographolide - 98%

Product Number: 365645  
CAS Number: 5508-58-7  
MDL: MFCD00017610  
Formula: C<sub>20</sub>H<sub>30</sub>O<sub>5</sub>  
Formula Weight: 350.45 g/mol



**TEST**

TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Optical Rotation c = 1.5%, HOAc	-128.0 - -124.0 deg

16:16 10-08-2019

Andrographolide-sds.pdf - Adobe Acrobat Reader DC

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1 / 4 100% Share

**1.1 Product identifiers**

Product name : ANDROGRAPHOLIDE 1PC X 50MG

Product Number : 172060  
Brand : Millipore  
REACH No. : A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Identified uses : Laboratory chemicals, Manufacture of substances

**1.3 Details of the supplier of the safety data sheet**

Company : Sigma-Aldrich Chemical Pvt Limited  
Industrial Area, Anekal Taluka  
Plot No 12,  
12 Bommasandra - Jigani Link Road  
560100 BANGALORE  
INDIA

**1.4 Emergency telephone number**

Emergency Phone # : +91 98802 05043

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# ANDROGRAPHOLIDE

Identification and  
Quantification of  
Andrographolide from  
*Andrographis  
paniculata* (Burm. f.)  
Wall. ex Nees by  
RP-HPLC Method and  
Standardization of  
its Market Preparations

Manufacturers are  
Abcam,  
Cayman Chemical,  
Merck Millipore ,  
Tocris Bioscience ,  
BioVision ,  
TCI Chemicals

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# ANDROGRAPHOLIDE

**Patents**

US08557302B2

**United States Patent**  
Duan et al.

(10) Patent No.: **US 8,557,302 B2**  
(45) Date of Patent: **Oct. 15, 2013**

(54) **ANDROGRAPHIS PANICULATA EXTRACT** FOREIGN PATENT DOCUMENTS

(75) Inventors: **Jifeng Duan**, Pudong (CN); **Zhiming Ma**, Suzhou (CN); **Xiaoliang Yan**, Nan Hui (CN); **Weitao Zhang**, Pudong (CN); **Tao Wang**, Pudong (CN); **Yu Cai**, Changning (CN)

CN	1042077	5/1990
CN	148 837 6	4/2004
CN	1628076 A	6/2005
CN	1628764 A	6/2005
JP	2000034233	2/2000
JP	2001658969	3/2001
JP	2004-75638	3/2004
KR	1020050067951 A	7/2005
WO	WO 2005 087223 A1	3/2005
WO	WO 2005 104722 A2	11/2005
WO	WO 2006 008115 A1	1/2006
WO	WO 2007 098686 A1	9/2007
WO	WO 2009 059158 A1	5/2009

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 618 days.

OTHER PUBLICATIONS

Rao et al., "Flavonoids and Andrographolides From *Andrographis*

**Patents**

US 20170224622A1

**United States**  
**Patent Application Publication**  
Sun et al.

(10) Pub. No.: **US 2017/0224622 A1**  
(45) Pub. Date: **Aug. 10, 2017**

(54) **APPLICATION OF ANDROGRAPHOLIDE IN THE PREPARATION OF A PHARMACEUTICAL FOR TREATMENT OF INFLAMMATORY BOWEL DISEASE, ANDROGRAPHOLIDE ENTERIC TARGETING MICROPELLET, AND METHOD FOR PREPARATION THEREOF**

(71) Applicant: **TASYI PHARMACEUTICAL GROUP CO. LTD.**, Tianjin (CN)

(72) Inventors: **Henry Sun**, Tianjin (CN); **Xiaohui Ma**, Tianjin (CN); **Zhirin Guo**, Tianjin (CN); **Sen Lin**, Tianjin (CN); **Genbei Wang**, Tianjin (CN); **Lulu Yan**, Tianjin (CN); **Shiping Zhou**, Tianjin (CN); **Shuman Zhang**, Tianjin (CN)

(21) Appl. No.: **15469,834**  
(22) Filed: **Mar. 27, 2017**  
Related U.S. Application Data  
(62) Division of application No. 14/910,173, filed on Feb.

(30) Foreign Application Priority Data  
Aug. 6, 2013 (CN) ..... 20131053844.1

Publication Classification

(51) Int. Cl.  
**A61K 9/76** (2006.01)  
**A61K 9/59** (2006.01)  
**A61K 31/365** (2006.01)

(52) U.S. CL.  
CPC ..... **A61K 9/76** (2013.01); **A61K 31/365** (2013.01); **A61K 9/5978** (2013.01); **A61K 9/5026** (2013.01)

(57) **ABSTRACT**

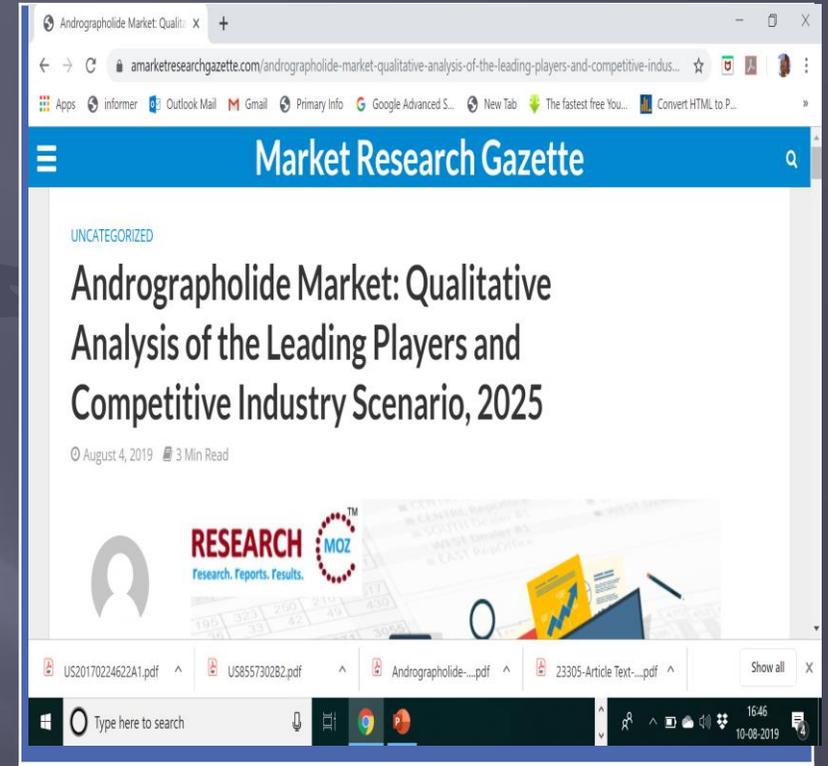
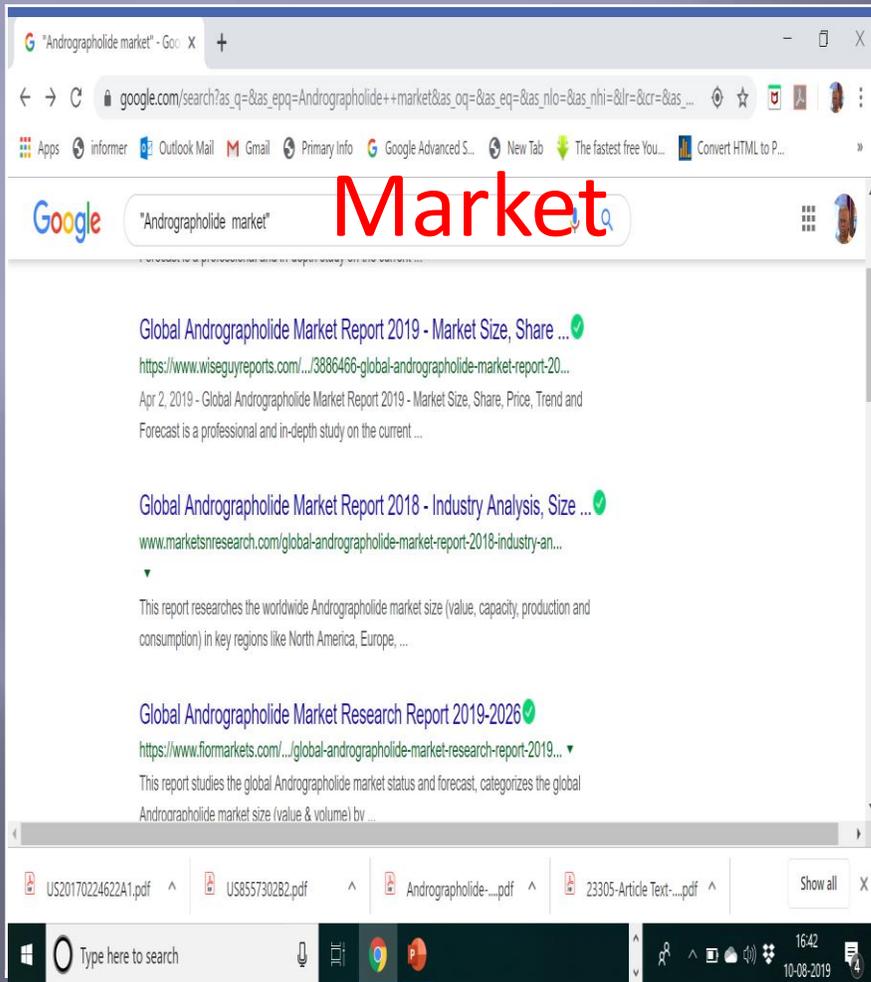
The present invention relates to an andrographolide enteric targeting micropellet and method for preparation thereof; furthermore, the present invention also relates to uses of andrographolide and andrographolide enteric targeting

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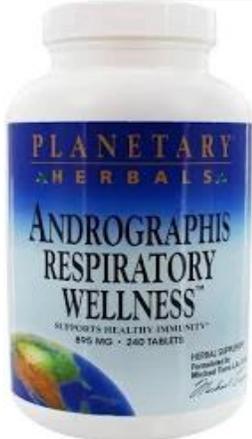
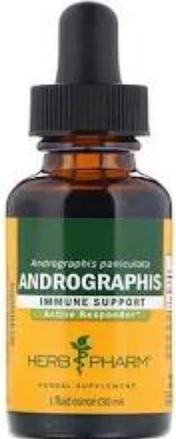
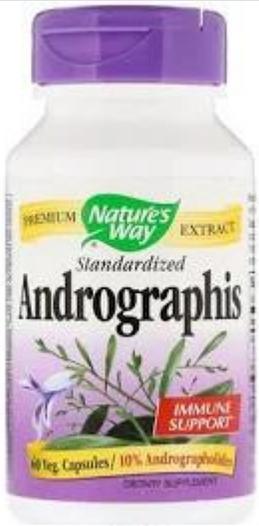


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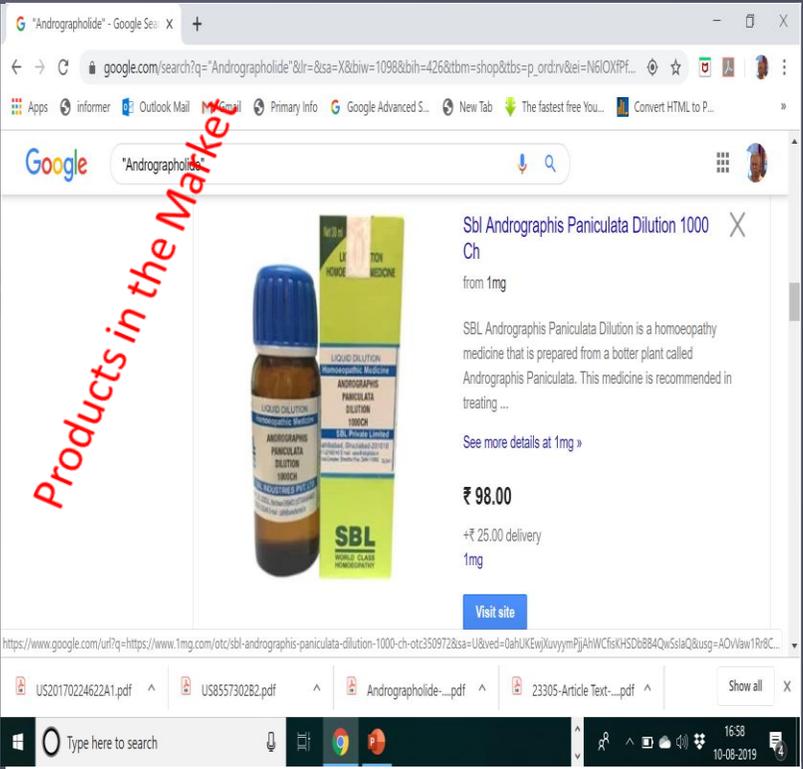
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Research Papers

A Phase I Trial of Andrographolide in HIV Positive Patients and Normal Volunteers

850 x 1202

US20170224622A1.pdf US8557302B2.pdf Andrographolide....pdf 23305-Article Text....pdf

Poonam Kulyal

Chemical Constituents Isolated from *Andrographis paniculata*

Introduction to *Andrographis paniculata*

LAMBERT ACADEMIC PUBLISHING

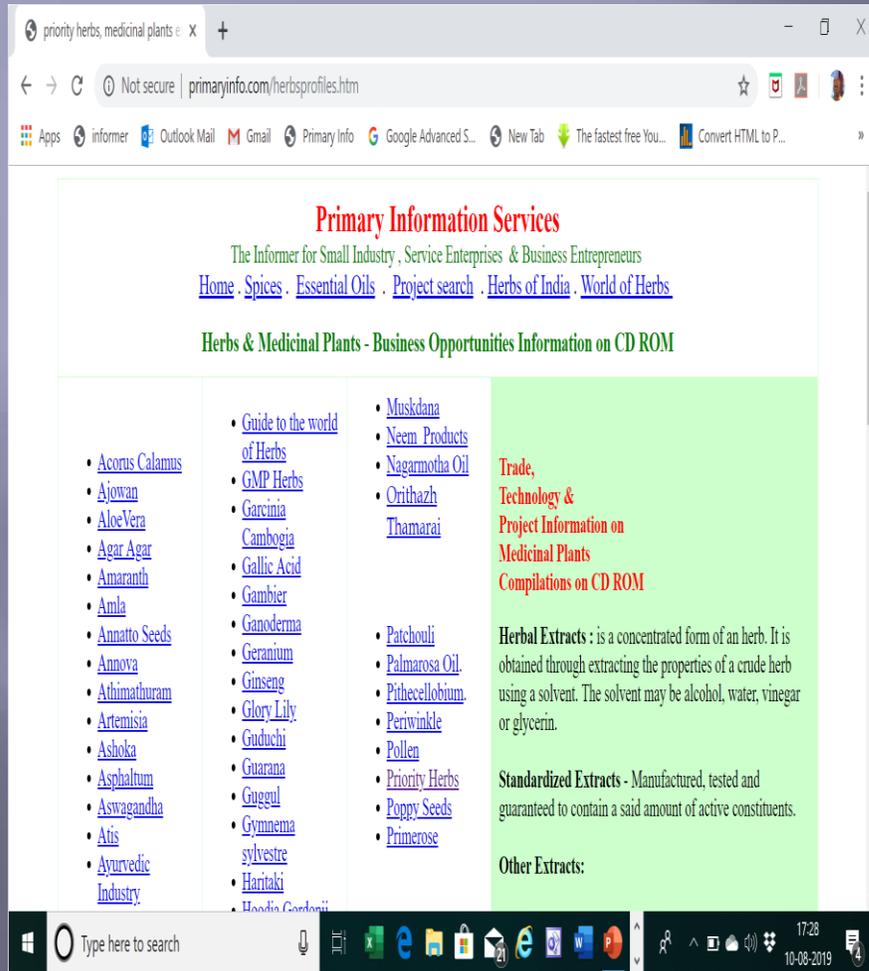
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Data Bases on  
Herbs &  
Medicinal  
plants



The screenshot shows a web browser window with the URL [www.primaryinfo.com/herbsprofiles.htm](http://www.primaryinfo.com/herbsprofiles.htm). The page title is "Primary Information Services" and the subtitle is "The Informer for Small Industry, Service Enterprises & Business Entrepreneurs". The main content area is titled "Herbs & Medicinal Plants - Business Opportunities Information on CD ROM". It features a list of links to various medicinal plants and products, including:

- [Acorus Calamus](#)
- [Ajowan](#)
- [Aloe Vera](#)
- [Agar Agar](#)
- [Amaranth](#)
- [Amla](#)
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- [Annova](#)
- [Athimathuram](#)
- [Artemisia](#)
- [Ashoka](#)
- [Asphaltum](#)
- [Aswagandha](#)
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- [Ayurvedic Industry](#)
- [Guide to the world of Herbs](#)
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- [Garcinia Cambogia](#)
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- [Muskdana](#)
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- [Priority Herbs](#)
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- [Primerose](#)

Trade, Technology & Project Information on Medicinal Plants Compilations on CD ROM

**Herbal Extracts** : is a concentrated form of an herb. It is obtained through extracting the properties of a crude herb using a solvent. The solvent may be alcohol, water, vinegar or glycerin.

**Standardized Extracts** - Manufactured, tested and guaranteed to contain a said amount of active constituents.

**Other Extracts:**

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**QUESTIONS ?**

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