

**Communicating
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RHMD e-Bulletin

IN-HOUSE QUARTERLY BULLETIN

Envisaging the usage of Indian Raw Materials

Volume 5

No. 3

July – September 2021

NISCAIR owes its existence to this appreciation of the integral role of science communication in empowering citizens with scientific information, inculcating scientific attitude and promoting research and development. When we talk about biodiversity of India, this huge reservoir of diversity one cannot study or visit in his or her active life time. Here comes the importance of Herbaria and museums to communicate information on life sciences. NISCAIR, situated in the heart of the country is maintaining a Herbarium and Museum since 1978 which houses preserved and poisoned samples of various species in the form of herbarium sheets and carpological samples of economic and traditional medicinal plants, animals and samples of rocks and minerals collected from throughout India.

RHMD was planned to represent economic biodiversity dealt with in The Wealth of India- An Encyclopedia of Indian Raw Materials and to cater to the academic and scientific needs. The acronym RHMD (Raw Materials Herbarium & Museum, Delhi) is included in INDEX HERBARIORUM, a constituent establishment of the International Association of Plant Taxonomy (IAPT), New York Botanic Garden, New York, USA. Presently RHMD houses authentic samples of about 8500 plant specimens; 190 zoological specimens; 207 mineral samples; and more than 3700 carpological samples (crude drugs like roots, seeds, bark, wood, flowers, etc.). To make the herbarium more comprehensive and viable, preservation of herbarium specimens and carpological samples is also carried out as and when new species is received or collected.

Medicinal plants have been in use since time immemorial and now in this era of modern medicines plant products are extensively used in household remedies, nutraceuticals and cosmetics. But due to the lack of the true identity and good quality of herbs, substitutes and adulterants as well as synonymous plants are sometimes used. NISCAIR, a well equipped institute with herbal garden and library (National Science Library) with vast collection of literature in the form of its own publication, The Wealth of India and various Life Science Research journals and RHMD, etc is actively supporting various research programme on herbal drugs.

For the development of herbal drug a multi-dimensional approach to research activities including survey of literature, collection and cultivation of medicinal plants, isolation of active principles, drug authentication, drug standardization, pharmacological studies, clinical research, etc. is essential. About 90% of plants are collected and procured from wild habitat therefore, before approaching a research lab from fields, identification or authentication and correct nomenclature is required because there are too many names (trade names, English and vernacular names) to refer to a botanical scientific name of single species/crude drug and a single name is referred to more than one plant species or crude drug is a common practice in trade and by non-botanist (taxonomist) which often leads to confusion and instigate fraudulent intention to earn more money. In some published literature it is not possible to match common names with scientific names. Adulteration and substitution in Ayurvedic, Unani and herbal medicines manufacturing is another matter of concern. Other than morphological identification various pharmacognostic, phytochemical and molecular tools and techniques are also useful as supportive tools for assessment of genuine plant material.

Correct identification and good quality of raw drugs are important to achieve safe and effective therapeutic potency, efficacy and reproducible quality of herbal medicines. RHMD, a priceless treasure offers consultancy on the authentication of plants and crude drug samples since January 1994 against payment with the objective of helping students, research scientists, customs, foresters, cultivators and pharmaceutical industries especially for identification and check adulteration in herbal drugs in dry or fresh form. This involves identification of crude drug samples by studying their macroscopic features, organoleptic properties and comparison with genuine voucher specimens housed in RHMD along with related literature. A large number of visitors comprising foreign delegates, NGO(s), students and teachers of schools and colleges, researchers, scientists, entrepreneurs, traders, crude drug dealers and others visit this herbarium and museum to upgrade their knowledge. Botanical drugs comprising, root, stem, leaves, flower, fruit, seed, root & rhizome, stem & leaves, fruit & seed, stem bark, root bark,

heartwood, whole plant, whole plant without root, exudates, gum/resin, tuber and bulb, fibers have been classified on the most scientific and modern lines.

Our Strength

- More than three decades of valuable collection, preserved and poisoned by internationally approved techniques to protect them from moisture, fungus and pests.
- Maintaining both collection of crude drugs and herbarium sheets.
- More than two decades long experience in providing consultancy services.
- Empowering our clients with the prerequisite scientific /botanical knowledge.
- Help researchers to locate habitat and distribution of species in wild.
- Provide correct nomenclature and possible synonyms, common vernacular and English names.

Objectives and contents of RHMD-e-Bulletin

- Digitization of the details of samples including photograph, botanical names, vernacular/English names, family, plant part, authentication certificate number, name and address (with E-mail and contact number) of the users of our consultancy services for reference in future.
- The data to be published in this bulletin shall reduce the requirement of storing space and damage of samples received for authentication.
- The published digital image of the crude drugs authenticated by RHMD shall be available in open access for posterity.
- Through this database NISCAIR will connect to students, industry, researchers and traditional medicine dealers, exporters for societal impact of authentic collections.
- About 90% herbs are collected by untrained people from wild habitats. Due to variation in habit and habitat species exhibits variation in their morphology of aerial parts and roots and rhizomes also. The situation becomes more difficult in the dried samples appearance, smell and colour. Considering these factors an attempt is being made here to publish in each issue details of one freshly collected plant, its parts vis-à-vis their dried form from CSIR–NISCAIR campus (in first phase) for the purpose of awareness of differences in the morphology of fresh and dry materials and to reduce ambiguity about the identity and name of some species. It shall help in the collection from fields as well as dried sample of the particular species from market.
- This illustrated initiative is a gesture to help potential researchers and traders in identification of raw drugs.
- The data created by authentication of crude drugs shall be uploaded on CSIR-NISCAIR website which could be accessed by various user groups free of cost.

- It would be a user-friendly image library and virtual repository of raw herbal medicines.
- This bulletin would act as referral source for collection and purchase of correct raw drugs.
- Number of pages will vary as per the received samples per month and the data to be published on for PLANT OF THE MONTH from NISCAIR campus.

IN THIS ISSUE: Vol. 5, No. 3, 2021, Authentication certificate number, Botanical name /common names, Family, plant part, Name and Address of Researchers/Pharmaceutical Co./Others and Image of the samples received/authenticated during the months of July – September 2021 have been included to display on NISCAIR website: www.niscair.res.in. Previous issues may be visited through following link: <http://www.niscair.res.in/InformationResources/rawmaterial/RHMD-eBULLETIN>.

JULY 2021				
Authentication certificate number/Date	Botanical Name, common names and Family	Plant Part (s)	Name and Address of Researcher/ Pharmaceutical Co./Others	Image
NIScPR/RHMD/Consult/2021/3793-94-3(2-4) 6/7/2021	<i>Bauhinia variegata</i> L. Kachnar, Buddhist Bauhinia, Mountain Ebony, Orchid Tree Family: Caesalpiniaceae	Dried bark	Dr Avi Fursule Dabur India Limited Plot No. 22, Site-IV, Sahibabad Ghaziabad-201010, U P	
NIScPR/RHMD/Consult/2021/3793-94-4(1&2) 6/7/2021	<i>Syzygium cumini</i> (L.) Skeels Jamun, Black Plum, Java Plum, Jambolan Family: Myrtaceae	Dried bark	Dr Avi Fursule Dabur India Limited Plot No. 22, Site-IV, Sahibabad Ghaziabad-201010, U P	

NIScPR/RHM D/Consult/202 1/3793-94- 5(1-4) 6/7/2021	<i>Clerodendrum serratum</i> (L.) Moon Bharangi, Barangi Family: Verbenaceae	Dried bark	Dr Avi Fursule Dabur India Limited Plot No. 22, Site- IV, Sahibabad Ghaziabad- 201010, U P	
NIScPR/RHM D/Consult/202 1/3793-94- 6(1-3) 6/7/2021	<i>Ficus religiosa</i> L. Ashwattha, Peepal, Pipal Family: Moraceae	Bark	Dr Avi Fursule Dabur India Limited Plot No. 22, Site- IV, Sahibabad Ghaziabad- 201010, U P	
NIScPR/RHM D/Consult/202 1/3820-21-1E- F 22/7/2021	<i>Alpinia galanga</i> Willd. Bara Kulanjan, Greater Galangal, Kulinjana, Kulanjan, Sugandha Vacha Family: Zingiberaceae	Rhizomes	Dr Arun T Namboodiri AVP Research Foundation 136/137, Trichy Road, Ramanathapuram P. O. Coimbatore- 641045, TN, India	
NIScPR/RHM D/Consult/202 1/3820-21-2B, C, F, 22/7/2021	<i>Fumaria parviflora</i> Lam. Fine-leaved fumitory, Indian fumitory, Parpata, Pitpapra Family: Papaveraceae	Dried whole plant	Dr Arun T Namboodiri AVP Research Foundation 136/137, Trichy Road, Ramanathapuram P. O. Coimbatore- 641045, TN, India	

NIScPR/RHM D/Consult/202 1/3820-21-4B, E,F 22/7/2021	<i>Imperata cylindrical</i> (L.) P. Beauv Darbha, Cogon Grass, Dabh, Siru Family: Poaceae	Dried vegetative aerial parts	Dr Arun T Namboodiri AVP Research Foundation 136/137, Trichy Road, Ramanathapuram P. O. Coimbatore- 641045, TN, India	
NIScPR/RHM D/Consult/202 1/3821-22-1 7/7/2021	<i>Acacia catechu</i> Willd. Cutch, Kattha, Black Catechu Family: Mimosaceae	Dried blocks prepared from aqueous extract of heartwood	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHM D/Consult/202 1/3821-22-2 7/7/2021	<i>Albizia lebbek</i> Benth. Siris chal, Siris Bark Family: Mimosaceae	Bark pieces	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHM D/Consult/202 1/3821-22-3 7/7/2021	<i>Andrographis paniculata</i> (Burm. f.) Wall. ex Nees Kalmegh, The Creat Family: Acanthaceae	Dried whole plant pieces	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	

NIScPR/RHM D/Consult/202 1/3821-22-6 7/7/2021	<i>Bacopa monnieri</i> (L.) Pennel Nir Brahmi, Brahmi, Jalneem Family: Scrophulariaceae	Dried aerial vegetative plant	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHM D/Consult/202 1/3821-22-8 7/7/2021	<i>Senna alexandrina</i> Mill. syn. <i>Cassia angustifolia</i> Vahl, <i>Cassia acutifolia</i> Delile, <i>Cassia senna</i> L. var. <i>senna</i> Alexandrian, Bombay or Tinnevely Senna, Hindisana, Senna, Swarnapatri Family: Caesalpiniaceae	Dried leaves	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHM D/Consult/202 1/3821-22-9 7/7/2021	<i>Centella asiatica</i> (L.) Urban Madookparni, Indian Pennywort Family: Apiaceae	Dried whole plant	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHM D/Consult/202 1/3821-22-10 7/7/2021	<i>Cinnamomum aromaticum</i> Nees syn. <i>Cinnamomum cassia</i> Blume Chinese Cassia, Chinese Cinnamon Family: Lauraceae	Dried stem bark	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	

NIScPR/RHM D/Consult/202 1/3821-22-11 7/7/2021	<i>Curcuma longa</i> L. syn. <i>Curcuma</i> <i>Domestica</i> Valetton Curcuma, Haldi, Manjal, Turmeric Family: Zingiberaceae	Dried Rhizomes	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHM D/Consult/202 1/3821-22-12 7/7/2021	<i>Crateva nurvala</i> Buch.-Ham. syn. <i>Crateva religiosa</i> var. <i>nurvala</i> (Buch.-Ham.) Hook.f. & Thomson Varuna chaal, Three Leaves Caper Bark, Barna Chal Family: Capparidaceae	Dried stem bark pieces	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHM D/Consult/202 1/3821-22-13 7/7/2021	<i>Glycyrrhiza glabra</i> L. Mulethi, Liquorice, Yashti-madhu Family: Fabaceae	Dried roots	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHM D/Consult/202 1/3821-22-14 7/7/2021	<i>Gymnema sylvestre</i> (Retz.) R. Br. ex Sm. Gudmar, Merasingi, Madhu- nashini Family: Asclepiadaceae	Dried leaves	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	

NIScPR/RHM D/Consult/202 1/3821-22-15 7/7/2021	<i>Momordica charantia</i> L. Bitter gourd, Karela Family: Cucurbitaceae	Dried fruits	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHM D/Consult/202 1/3821-22-17 7/7/2021	<i>Ocimum tenuiflorum</i> L. syn. <i>Ocimum sanctum</i> L. Tulsi, Sacred Basil Family: Lamiaceae	Dried aerial parts	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHM D/Consult/202 1/3821-22-18 7/7/2021	<i>Piper longum</i> L. (Chhoti variety) Pipal, Pippali Family: Piperaceae	Mature fruiting spikes	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHM D/Consult/202 1/3821-22-19 7/7/2021	<i>Phyllanthus emblica</i> L syn. <i>Emblica officinalis</i> Gaertn. Amla, Amla, Embelic Myrobalan Family: Euphorbiaceae, Phyllanthaceae	Dried fruit pieces	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	

NIScPR/RHM D/Consult/202 1/3821-22-21 7/7/2021	<i>Terminalia bellirica</i> (Gaertn.) Roxb. Baheda, Bahera, Beleric Myrobalan Family: Combretaceae	Dried fruits	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHM D/Consult/202 1/3821-22-23 7/7/2021	<i>Trigonella foenum- graceum</i> L. Fenugreek, Methi Family: Fabaceae	Seeds	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHM D/Consult/202 1/3821-22-24 7/7/2021	<i>Withania somnifera</i> (L.) Dunal Ashwagandha, Asgandh, Winter Cherry Roots Family: Solanaceae	Dried roots	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHM D/Consult/202 1/3821-22-25 7/7/2021	<i>Withania somnifera</i> (L.) Dunal Ashwagandha, Asgandh, Winter Cherry Roots Family: Solanaceae	Dried stem pieces	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	

NIScPR/RHM D/Consult/202 1/3821-22-26 7/7/2021	<i>Tribulus terrestris</i> L. Gokhru, Gokshra, Small Caltrop Seed, Chota Gokhru Family: Zygophyllaceae	Fruits	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHM D/Consult/202 1/3821-22-28 7/7/2021	<i>Zingiber officinale</i> Rosc. Sonth, Zinger, Ginger Family: Zingiberaceae	Dried rhizomes	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHM D/Consult/202 1/3821-22-29 7/7/2021	<i>Valeriana jatamansi</i> Jones syn. <i>Valeriana</i> <i>wallichii</i> DC. Tagar, Indian Valerian, Sugandhabala Family: Valerianaceae	Dried rhizomes	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHM D/Consult/202 1/3821-22-30 7/7/2021	<i>Cyperus rotundus</i> L. Nut Grass, Motha Family: Cyperaceae	Dried rhizomes	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	

NIScPR/RHMD/Consult/2021/3821-22-31 7/7/2021	<i>Justicia adhatoda</i> L. syn. <i>Adhatoda zeylanica</i> Medik., <i>Adhatoda vasica</i> Nees Malabar Nut, Adusa, Vasa, Vasaka Family: Acanthaceae	Dried leaves	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHMD/Consult/2021/3821-22-32 7/7/2021	<i>Azadirachta indica</i> A. Juss. Neem Tree, Margosa Tree, Neem Family: Meliaceae	Dried leaves	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHMD/Consult/2021/3821-22-33 7/7/2021	<i>Ocimum tenuiflorum</i> L. syn. <i>Ocimum sanctum</i> L. Tulsi, Sacred Basil Family: Lamiaceae	Dried leaves	Mr. Rojison Koshy Natural Remedies Pvt. Ltd # 5B, 19 th KM Stone, Hosur Road Electronic City Post Bangaluru-560 100	
NIScPR/RHMD/Consult/2021/3835-36-1 5/7/2021	<i>Justicia tranquebariensis</i> L. f. Pindi Family: Acanthaceae	Dried pieces of stem and roots	Ms. Gurleen Kaur University Institute of Pharmaceutical Sciences Panjab University, Sector 14, Chandigarh-160014	

NIScPR /RHMD/Consult/2021/3835-36-2 5/7/2021	<i>Indigofera aspalathoides</i> DC. Nilli Family: Fabaceae	Dried pieces of stem and roots	Ms. Gurleen Kaur University Institute of Pharmaceutical Sciences Panjab University, Sector 14, Chandigarh-160014	
NISCAIR/RHMD/Consult/2021/3836-37-1 2/7/2021	<i>Balanites aegyptiaca</i> Planch. syn. <i>Balanites aegyptiaca</i> (L.) Delile var. <i>roxburghii</i> Duthie Hingoot, Hingan, Hingoli, Ingudi, Desert Date Family: Balanitaceae	Dried fruits	Dr Bhawani Singh Rathore National Institute of Ayurveda Jaipur, Rajasthan	
NISCAIR/RHMD/Consult/2021/3836-37-2 2/7/2021	<i>Myristica fragrans</i> Houtt. Jaiphal, Nutmeg Family: Myristicaceae	Dried kernels	Dr Bhawani Singh Rathore National Institute of Ayurveda Jaipur, Rajasthan	
NIScPR/RHMD/Consult/2021/3837-38-1 7/7/2021	<i>Mahonia nepalensis</i> DC. Family: Berberidaceae	Stem bark	Dr. Kiran Paudel National Institute of Ayurveda Jorawar Singh Gate, Jaipur	

NIScPR/RHM D/Consult/202 1/3837-38-2 7/7/2021	<i>Berberis aristata</i> DC. Daruharidra Family: Berberidaceae	Stem bark	Dr. Kiran Paudel National Institute of Ayurveda Jorawar Singh Gate, Jaipur	
NIScPR/RHM D/Consult/202 1/3838-39 12/7/2021	<i>Valeriana jatamansi</i> Jones syn. <i>Valeriana wallichii</i> DC. Tagar, Indian Valerian, Sugandhabala Family: Valerianaceae	Dried rhizomes	Indovedic Nutrients Pvt. Ltd. # 96, 3 rd Phase, Peenya Industrial Area Bangaluru-560 100 Karnataka, India	
NIScPR/RHM D/Consult/202 1/3839-40-1 12/7/2021	<i>Piper nigrum</i> L. Kali Mirch, Black Pepper, Golemiricha Family: Piperaceae	Unripe fruits	Mr. Ishan Aggarwal Research Scholar IFTM Univ, Moradabad	
NIScPR/RHM D/Consult/202 1/3839-40-2 12/7/2021	<i>Piper longum</i> L. Pipal, Pippali Family: Piperaceae	Mature fruiting spikes	Mr. Ishan Aggarwal Research Scholar IFTM Univ, Moradabad	

NIScPR/RHM D/Consult/202 1/3839-40-3 12/7/2021	<i>Azadirachta indica</i> A. Juss. syn. <i>Melia</i> <i>azadirachta</i> L. Neem, Indian Lilac, Margosa tree Family: Meliaceae	Dried fruits (Nimboli)	Mr. Ishan Aggarwal Research Scholar IFTM Univ, Moradabad	
NIScPR/RHM D/Consult/202 1/3839-40-4 12/7/2021	<i>Melia azedarach</i> L. Bakayan, Bakain, Persian Lilac, Bead Tree Family: Meliaceae	Dried fruits	Mr. Ishan Aggarwal Research Scholar IFTM Univ, Moradabad	
NIScPR/RHM D/Consult/202 1/3840-41 13/7/2021	<i>Cannabis sativa</i> L. True hemp, Marijuana, Bhang Family: Cannabinaceae	Aerial flowering and fruiting parts	Ms. Chanchal Rani Department of Pharmaceutical Sciences Gurugram University, Gurugram	
NIScPR/RHM D/Consult/202 1/3841-42 13/7/2021	<i>Cannabis sativa</i> L. True hemp, Marijuana, Bhang Family: Cannabinaceae	Aerial flowering and fruiting parts	Mr. Rahul Yadav Department of Pharmaceutical Sciences Gurugram University, Gurugram	

NIScPR/RHM D/Consult/202 1/3842-43-1 16/7/2021	<i>Zingiber officinale</i> Rosc. Sonth, Zinger, Ginger, Zanjabeel Family: Zingiberaceae	Dried rhizome	Prof. Jasbir Kaur Department of Ocular Biochemistry Dr R. P. Centre for Ophthalmic Sciences All India Institute of Medical Sciences New Delhi-110 029	
NIScPR/RHM D/Consult/202 1/3842-43-2 16/7/2021	<i>Piper longum</i> L. Pipal, Pippali, Dar Filfil Family: Piperaceae	Mature fruiting spikes	Prof. Jasbir Kaur Department of Ocular Biochemistry Dr R. P. Centre for Ophthalmic Sciences All India Institute of Medical Sciences New Delhi-110 029	
NIScPR/RHM D/Consult/202 1/3842-43-3 16/7/2021	<i>Coptis teeta</i> Wall. Mamira, Mamiran, Gold Thread Family: Ranunculaceae	Dried roots and rhizome	Prof. Jasbir Kaur Department of Ocular Biochemistry Dr R. P. Centre for Ophthalmic Sciences All India Institute of Medical Sciences New Delhi-110 029	

NIScPR/RHM D/Consult/202 1/3842-43-4 16/7/2021	<i>Piper nigrum</i> L. Kali Mirch, Black Pepper, Golemiricha, Filfil Family: Piperaceae	Unripe fruits	Prof. Jasbir Kaur Department of Ocular Biochemistry Dr R. P. Centre for Ophthalmic Sciences All India Institute of Medical Sciences New Delhi-110 029	
NIScPR/RHM D/Consult/202 1/3824-25 16/7/2021	<i>Foeniculum</i> <i>vulgare</i> Mill. Fennel, Saunf, Badyan Family: Apiaceae	Dried leaves	Prof. Jasbir Kaur Department of Ocular Biochemistry Dr R. P. Centre for Ophthalmic Sciences All India Institute of Medical Sciences New Delhi-110 029	
NIScPR/RHM D/Consult/202 1/3845-46-1 28/7/2021	<i>Ocimum sanctum</i> L., Sri Tulsi or Ram Tulsi Family: Lamiaceae	Leaves (Green type)	Dr. Preeti c/o Dr Krutika Chaudhary Dept. of Dravyaguna Vigyan National Institute of Ayurveda Jaipur- 302002, Rajasthan	

NIScPR/RHM D/Consult/202 1/3845-46-2 28/7/2021	<i>Ocimum sanctum</i> L., Krishna Tulsi or Shyama Tulsi Family: Lamiaceae	Leaves (Purple type)	Dr. Preeti c/o Dr Krutika Chaudhary Dept. of Dravyaguna Vigyan National Institute of Ayurveda Jaipur- 302002, Rajasthan	
NIScPR/RHM D/Consult/202 1/3846-47 26/7/2021	<i>Oryza sativa</i> L. Rice, Chaval Family: Poaceae	Dried husked grains	Dr . Padmalochan Naik National Institute of Ayurveda Jorawar Singh Gate Jaipur-302002	
NIScPR/RHM D/Consult/202 1/3847-48 26/7/2021	<i>Searsia parviflora</i> (Roxb.) F. A. Barkley syn. <i>Rhus</i> <i>parviflora</i> Roxb., <i>Toxicodendron</i> <i>parviflorum</i> (Roxb.) Kuntze, Tungalaa, Tung, Tumra, Ranel, Raitung, Samak Family: Anacardiaceae	Dried leaves	Mr Hari Om Deptt of Pharmacy Bharat Institute of Technology Meerut-250 103	

NIScPR/RHM D/Consult/202 1/3848-49-1 29/7/2021	<i>Abutilon indicum</i> (L.) Sweet Kanghi, Country Mallow, Jhampi Family: Malvaceae	Roots	Dr. Seema Bhagat National Institute of Ayurveda Madav Vilas Palace Amer Road, Jaipur-302002	
NIScPR/RHM D/Consult/202 1/3848-49-3 29/7/2021	<i>Ipomoea digitata</i> L. syn. <i>Ipomoea</i> <i>paniculata</i> R. Br. non Burm., <i>Convolvulus</i> <i>digitatus</i> (L.) Spreng., <i>Ipomoea</i> <i>paniculata</i> var. <i>digitata</i> (L.) Kuntze Bilaikand, Ksheervidari, Finger-Leaf Morning-Glory Family: Convolvulaceae	Dried roots	Dr. Seema Bhagat National Institute of Ayurveda Madav Vilas Palace Amer Road, Jaipur-302002	
NIScPR/RHM D/Consult/202 1/3848-49-4 29/7/2021	<i>Sida cordifolia</i> L. Bala, Country Mallow, Bariyara, Kharenti mool Family: Malvaceae	Dried roots	Dr. Seema Bhagat National Institute of Ayurveda Madav Vilas Palace Amer Road, Jaipur-302002	

NIScPR/RHM D/Consult/202 1/3848-49-5 29/7/2021	<i>Mucuna pruriens</i> (L.) DC. syn. <i>Mucuna cochinchinensis</i> (Lour.) A. Chev. Kauncha, Cowitch seed, Atmagupta, Kiwanch Family: Fabaceae	White seeds	Dr. Seema Bhagat National Institute of Ayurveda Madav Vilas Palace Amer Road, Jaipur-302002	
NIScPR/RHM D/Consult/202 1/3848-49-8 29/7/2021	<i>Picrorhiza kurroa</i> Royle ex Benth. Kutki, Hellebore root, Kadu, Kedar- karwi, Picrorhiza root Family: Scrophulariaceae	Dried rhizomes of	Dr. Seema Bhagat National Institute of Ayurveda Madav Vilas Palace Amer Road, Jaipur-302002	
NIScPR/RHM D/Consult/202 1/3848-49-9 29/7/2021	<i>Desmodium gangeticum</i> (L.) DC. Salpan, Sarivan, Shalparni Family: Fabaceae	Dried roots	Dr. Seema Bhagat National Institute of Ayurveda Madav Vilas Palace Amer Road, Jaipur-302002	
NIScPR/RHM D/Consult/202 1/3848-49-10 29/7/2021	<i>Withania somnifera</i> Dunal Asgandh, Punir, Ashwagandha Family: Solanaceae	Roots	Dr. Seema Bhagat National Institute of Ayurveda Madav Vilas Palace Amer Road, Jaipur-302002	

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NIScPR/RHM D/Consult/202 1/3849-50-1 2/8/2021	<i>Boerhavia diffusa</i> L. syn. <i>Boerhavia</i> <i>repens</i> L. Punarnava, Biskhopra, Santh, Lal Punarnava Family: Nyctaginaceae	Roots	Dr. Poonam Rathore Dravyaguna Vigyana National Institute of Ayurveda Madav Vilas Palace Amer Road, Jaipur-302002	
NIScPR/RHM D/Consult/202 1/3849-50-2 2/8/2021	<i>Nardostachys</i> <i>grandiflora</i> DC. syn. <i>Nardostachys</i> <i>jatamansi</i> DC. Jatamansi, Spike Nard, Balchar Family: Valerianaceae	Rhizomes	Dr. Poonam Rathore Dravyaguna Vigyana National Institute of Ayurveda Madav Vilas Palace Amer Road, Jaipur-302002	
NIScPR/RHM D/Consult/202 1/3849-50-3 2/8/2021	<i>Onosma</i> <i>bracteatum</i> Wall. Gaozaban, Ganjvan, Shankhahuli Family: Boraginaceae	Dried vegetative aerial part (No flowers)	Dr. Poonam Rathore Dravyaguna Vigyana National Institute of Ayurveda Madav Vilas Palace Amer Road, Jaipur-302002	

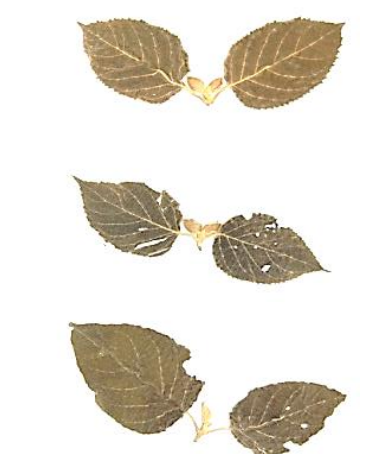
NIScPR/RHM D/Consult/202 1/3849-50-4 2/8/2021	<i>Tinospora cordifolia</i> (Willd.) Hook. f. & Thoms. Giloy, Giloe, Amrita, Golancha Family: Menispermaceae	Stem pieces	Dr. Poonam Rathore Dravyaguna Vigyana National Institute of Ayurveda Madav Vilas Palace Amer Road, Jaipur-302002	
NIScPR/RHM D/Consult/202 1/3849-50-6 2/8/2021	<i>Terminalia arjuna</i> Wight & Arn. Arjun Family: Combretaceae	Dried stem bark	Dr. Poonam Rathore Dravyaguna Vigyana National Institute of Ayurveda Madav Vilas Palace Amer Road, Jaipur-302002	
NIScPR/RHM D/Consult/202 1/3849-50-7 2/8/2021	<i>Withania somnifera</i> (L.) Dunal Ashwagandha, Punir, Asgandh Family: Solanaceae	Roots	Dr. Poonam Rathore Dravyaguna Vigyana National Institute of Ayurveda Madav Vilas Palace Amer Road, Jaipur-302002	
NIScPR/RHM D/Consult/202 1/3849-50-8 2/8/2021	<i>Convolvulus prostratus</i> Forsk. syn. <i>Convolvulus microphyllus</i> Sieb. ex Spreng., <i>Convolvulus pluricaulis</i> Choisy. Shankhapuspi Family: Convolvulaceae	Dried whole plant	Dr. Poonam Rathore Dravyaguna Vigyana National Institute of Ayurveda Madav Vilas Palace Amer Road, Jaipur-302002	

NIScPR/RHM D/Consult/202 1/3850-51-3 5/8/2021	<i>Woodfordia fruticosa</i> (L.) Kurz syn. <i>Woodfordia floribunda</i> Salisb. Dhai phool, Dhataki, Dhataki- pushpa, Dhavapool Family: Lythraceae	Dried flowers	Mr. Piyush Tyagi Sr. Manager Quality Assurance M/s Charak Pharma Pvt. Ltd. Jaurasi Road, Pauti Village G. T. Road, Samalkha Dist Panipat, Haryana-132101	
NIScPR/RHM D/Consult/202 1/3850-51-4 5/8/2021	<i>Rosa</i> sp. Gulab, Rose Family: Rosaceae	Dried flower petals	Mr. Piyush Tyagi Sr. Manager Quality Assurance M/s Charak Pharma Pvt. Ltd. Jaurasi Road, Pauti Village G. T. Road, Samalkha Dist Panipat, Haryana-132101	
NIScPR/RHM D/Consult/202 1/3850-51-5 5/8/2021	<i>Cinnamomum tamala</i> Nees & Eberm. Indian Bay Leaf, Tejpatta, Tejpatra Family: Lauraceae	Dried leaves	Mr. Piyush Tyagi Sr. Manager Quality Assurance M/s Charak Pharma Pvt. Ltd. Jaurasi Road, Pauti Village G. T. Road, Samalkha Dist Panipat, Haryana-132101	

NIScPR/RHM D/Consult/202 1/3851-52-1 11/8/2021	<i>Datura metel</i> L. Datura, Sadahdhatura Family: Solanaceae	Mature dried seeds	Dr Alok Kumar Tiwari Govt. Ayurvedic College Raipur- 492 001 Chhattisgarh	
NIScPR/RHM D/Consult/202 1/3851-52-2 11/8/2021	<i>Datura metel</i> L. Datura, Sadahdhatura Family: Solanaceae	Leaves	Dr Alok Kumar Tiwari Govt. Ayurvedic College Raipur- 492 001 Chhattisgarh	
NIScPR/RHM D/Consult/202 1/3852-53-1 28/7/2021	<i>Vigna angularis</i> (Willd.) Ohwi & Ohashi syn. <i>Phaseolus</i> <i>angularis</i> (Willd.) W. F. Wight Adzuki Bean Family: Fabaceae	Seeds	Ms. Ritu Sharma Delhi Technological University Shahbad, Daulatpur Village, Rohini Delhi-110 042	
NIScPR/RHM D/Consult/202 1/3852-53-2 28/7/2021	<i>Macrotyloma</i> <i>uniflorum</i> (Lam.) Verdc. Kulthi Family: Fabaceae	Seeds	Ms. Ritu Sharma Delhi Technological University Shahbad, Daulatpur Village, Rohini Delhi-110 042	

NIScPR/RHMD/ Consult/2021/38 53-54 4/8/2021	<i>Diospyros kaki</i> L.f. Halwa Tendu, Chinese Persimon, Japanese Persimon, Kaki Family: Ebenaceae	Fresh fruits	Ms. Mrinal Research Scholar Pharmacology Division UIPS, CU, Punjab	
NIScPR/RHMD/ Consult/2021/38 54-55 4/8/2021	<i>Melia azedarach</i> L. Bakain, Bead Tree, Drek, Mahanim, Persian Lilac Family: Meliaceae	Leaves	Ms. Ayesha Khatun Institute of Pharmaceutical Sciences Kurukshetra University Kurukshetra-136 119	
NIScPR/RHMD/ Consult/2021/38 55-56-1 6/8/2021	<i>Amomum subulatum</i> Roxb. Badi elaichi, Greater Cardmom Family: Zingiberaceae	Dried capsules with ripe seeds	Dr Amit Kumar Chandravanshi Govt. Ayurvedic College Raipur- 492001 Chhattisgarh	
NIScPR/RHMD/ Consult/2021/38 55-56-2 6/8/2021	<i>Valeriana jatamansi</i> Jones syn. <i>Valeriana wallichii</i> DC. Tagar, Indian Valerian, Sugandhabala Family: Valerianaceae	Dried rhizomes	Dr Amit Kumar Chandravanshi Govt. Ayurvedic College Raipur- 492001 Chhattisgarh	

NIScPR/RHMD/ Consult/2021/38 55-56-3 6/8/2021	<i>Piper nigrum</i> L. Kali Mirch, Black Pepper, Golemiricha, Filfil Family: Piperaceae	Unripe fruits	Dr Amit Kumar Chandravanshi Govt. Ayurvedic College Raipur- 492001 Chhattisgarh	
NIScPR/RHMD/ Consult/2021/38 55-56-4 6/8/2021	<i>Elettaria cardamomum</i> (L.) Maton Ela Laghu, Choti Elayechi, Lesser Cardamom Family: Zingiberaceae	Capsules (fruits)	Dr Amit Kumar Chandravanshi Govt. Ayurvedic College Raipur- 492001 Chhattisgarh	
NIScPR/RHMD/ Consult/2021/38 55-56-5 6/8/2021	<i>Symplocos racemosa</i> Roxb. Lodh, Lodhra, Lodhar Family: Symplocaceae	Dried stem bark	Dr Amit Kumar Chandravanshi Govt. Ayurvedic College Raipur- 492001 Chhattisgarh	
NIScPR/RHMD/ Consult/2021/38 55-56-6 6/8/2021	<i>Piper longum</i> L. Pipal, Pippali, Long Pepper (Chota Pipal variety) Family: Piperaceae	Mature fruiting spikes	Dr Amit Kumar Chandravanshi Govt. Ayurvedic College Raipur- 492001 Chhattisgarh	

NIScPR/RHMD/ Consult/2021/38 55-56-7 6/8/2021	<i>Coriandrum sativum</i> L. Coriander, Dhaniya Family: Apiaceae	Dried fruits	Dr Amit Kumar Chandravanshi Govt. Ayurvedic College Raipur- 492001 Chhattisgarh	
NIScPR/RHMD/ Consult/2021/38 55-56-8 6/8/2021	<i>Nardostachys grandiflora</i> DC. syn. <i>Nardostachys jatamansi</i> DC. Jatamansi, Spike Nard, Balchar Family: Valerianaceae	Rhizomes	Dr Amit Kumar Chandravanshi Govt. Ayurvedic College Raipur- 492001 Chhattisgarh	
NIScPR/RHMD/ Consult/2021/38 57-58 18/8/2021	<i>Clerodendrum infortunatum</i> L. syn. <i>Clerodendrum viscosum</i> Vent., Bhant, Hill glory bower Family: Verbenaceae	Young leaves	Dr Manish Kumar Department of Pharmacology 3 rd Floor, Medical College Building Indira Gandhi Institute of Medical Sciences Sheikhpura, Patna-800014, India	
NIScPR/RHMD/ Consult/2021/38 58-59 18/8/2021	<i>Xanthium strumarium</i> L. Cocklebur, Chota Dhatara, Bichhu, Burweed, Banokra, Chota Gokhru, Adhasisi Family: Asteraceae	Leaves	Mr. Bhanoo Pratap Singh School of Pharmacy, Monad University N. H. 09, Delhi- Hapur Road P. O. Pilkhuwa, Distt. Hapur- 245304	

NIScPR/RHMD/ Consult/2021/38 59-60 18/8/2021	<i>Ocimum basilicum</i> L. Sweet Basil, Common Basil, Van Tulsi, Marua Family: Lamiaceae	Leaves	Dr. Anita Chandravanshi Govt. Ayurvedic College Raipur-492001 (C. G.)	
NIScPR/RHMD/ Consult/2021/38 60-61 13/8/2021	<i>Fagopyrum esculentum</i> Moench Buckwheat, Kotu, Phaphra Family: Polygonaceae	Seeds	Ms. Monika AYUSH Enterprises Mandora Road, Jodhpur	
NIScPR/RHMD/ Consult/2021/38 61-62 24/8/2021	<i>Solanum virginianum</i> L. syn. <i>Solanum surattense</i> Burm.f., <i>Solanum xanthocarpum</i> Schrad. & Wendl. Kateli Chhoti, Kantakari Family: Solanaceae	Dried stem and fruits	Dr Shweta Kumari Yadav Dravyaguna Department National Institute of Ayurveda Jorawar Singh Gate Amer Road, Jaipur (Rajasthan)	
NIScPR/RHMD/ Consult/2021/38 62-63-1 27/8/2021	<i>Strychnos potatorum</i> L. f. Kataka, Nirmali, Clearing Nut Family: Loganiaceae	Dried seeds	Dr. Pooja Upadhyay Govt. Ayurvedic College Raipur- 492001 (C.G.)	

NIScPR/RHMD/ Consult/2021/38 62-63-2 27/8/2021	<i>Pluchea lanceolata</i> Clarke Raasna patti, Bansurai, Chotakaliaa Family: Asteraceae	Leaves	Dr. Pooja Upadhyay Govt. Ayurvedic College Raipur- 492001 (C.G.)	
NIScPR/RHMD/ Consult/2021/38 62-63-3 27/8/2021	<i>Operculina turpethum</i> (L.) Silva Manso syn. <i>Merremia turpethum</i> (L.) Shah & Bhatt, <i>Ipomoea turpethum</i> R. Br., <i>Convolvulus turpethum</i> L. Trivrit, Nissotar, Indian Jalap, Turpeth, Turpeth root Family: Convolvulaceae	Roots	Dr. Pooja Upadhyay Govt. Ayurvedic College Raipur- 492001 (C.G.)	
NIScPR/RHMD/ Consult/2021/38 62-63-4 27/8/2021	<i>Rubia cordifolia</i> L. Manjistha, Manjth, Majeeth, Indian Madder Family: Rubiaceae	Roots	Dr. Pooja Upadhyay Govt. Ayurvedic College Raipur- 492001 (C.G.)	
NIScPR/RHMD/ Consult/2021/38 62-63-5 27/8/2021	<i>Albizia lebbek</i> Benth. Siris Chal, Siris Bark Family: Mimosaceae	Stem bark	Dr. Pooja Upadhyay Govt. Ayurvedic College Raipur- 492001 (C.G.)	

NIScPR/RHMD/ Consult/2021/38 62-63-6 27/8/2021	<i>Pterocarpus santalinus</i> L. Rakta Chandan, Red Sanders Wood, Lal Chandan Family: Fabaceae	Heartwood	Dr. Pooja Upadhyay Govt. Ayurvedic College Raipur- 492001 (C.G.)	
NIScPR/RHMD/ Consult/2021/38 62-63-7 27/8/2021	<i>Elettaria cardamomum</i> (L.) Maton Ela Laghu, Choti Elayechi, Choti Ela, Lesser Cardamom Family: Zingiberaceae	Capsules (fruits)	Dr. Pooja Upadhyay Govt. Ayurvedic College Raipur- 492001 (C.G.)	
NIScPR/RHMD/ Consult/2021/38 62-63-8 27/8/2021	<i>Cordia dichotoma</i> Forst. f. Lasoda, Lisoda, Lasora Family: Boraginaceae	Dried stem bark	Dr. Pooja Upadhyay Govt. Ayurvedic College Raipur- 492001 (C.G.)	
NIScPR/RHMD/ Consult/2021/38 62-63-9 27/8/2021	<i>Coriandrum sativum</i> L. Coriander, Dhaniya Family: Apiaceae	Dried fruits	Dr. Pooja Upadhyay Govt. Ayurvedic College Raipur- 492001 (C.G.)	

NIScPR/RHMD/ Consult/2021/38 62-63-10 27/8/2021	<i>Symplocos racemosa</i> Roxb. Lodhra, Lodh, Lodhar Family: Symplocaceae	Stem bark pieces	Dr. Pooja Upadhyay Govt. Ayurvedic College Raipur- 492001 (C.G.)	
NIScPR/RHMD/ Consult/2021/38 62-63-11 27/8/2021	<i>Vitex negundo</i> L. Nirgundi, Indian Privet, Samhalu Family: Verbenaceae	Dried leaves	Dr. Pooja Upadhyay Govt. Ayurvedic College Raipur- 492001 (C.G.)	
NIScPR/RHMD/ Consult/2021/38 62-63-12 27/8/2021	<i>Curcuma longa</i> L. syn. <i>Curcuma domestica</i> Valeton Haldi, Haridra, Turmeric Family: Zingiberaceae	Dried rhizomes	Dr. Pooja Upadhyay Govt. Ayurvedic College Raipur- 492001 (C.G.)	
NIScPR/RHMD/ Consult/2021/38 62-63-13 27/8/2021	<i>Acorus calamus</i> L. Vach, Vacha, Sweet Flag, Indian Calamus Family: Araceae	Rhizomes	Dr. Pooja Upadhyay Govt. Ayurvedic College Raipur- 492001 (C.G.)	

NIScPR/RHMD/ Consult/2021/38 63-64-1 25/8/2021	<i>Saussurea lappa</i> C. B. Clarke, Kushtha, Kutha, Costus Root Family: Asteraceae	Dried roots	Dr Trupti Mahapatra Govt. Ayurvedic College Raipur- 492001 (C. G.)	
NIScPR/RHMD/ Consult/2021/38 63-64-2 25/8/2021	<i>Cassia fistula</i> L. Amaltas, Purging Cassia Family: Caesalpinaceae	Fruits pulp	Dr Trupti Mahapatra Govt. Ayurvedic College Raipur- 492001 (C. G.)	
NIScPR/RHMD/ Consult/2021/38 63-64-3 25/8/2021	<i>Cordia dichotoma</i> Forst. f. Lasoda, Lisoda, Lasora Family: Boraginaceae	Stem bark	Dr Trupti Mahapatra Govt. Ayurvedic College Raipur- 492001 (C. G.)	
NIScPR/RHMD/ Consult/2021/38 63-64-4 25/8/2021	<i>Tinospora cordifolia</i> (Willd.) Hook. f. & Thoms. Giloy, Giloe, Amrita, Golancha Family: Menispermaceae	Stem pieces	Dr Trupti Mahapatra Govt. Ayurvedic College Raipur- 492001 (C. G.)	

NIScPR/RHMD/ Consult/2021/38 63-64-5 25/8/2021	<i>Senna tora</i> (L.) Roxb. syn. <i>Cassia tora</i> L. Panwar, Chakramarda, Chakondi seeds, Panvad, Foetid Cassia Seed Family: Caesalpinaceae	Seeds	Dr Trupti Mahapatra Govt. Ayurvedic College Raipur- 492001 (C. G.)	
NIScPR/RHMD/ Consult/2021/38 63-64-6 25/8/2021	<i>Solanum indicum</i> L. Bari Kateri, Brihati, Banbhanta Family: Solanaceae	Dried stem, small twigs and dried mature fruits	Dr Trupti Mahapatra Govt. Ayurvedic College Raipur- 492001 (C. G.)	
NIScPR/RHMD/ Consult/2021/38 63-64-7 25/8/2021	<i>Solanum virginianum</i> L. syn. <i>S. surattense</i> <i>indicum</i> Burm. f., <i>S. xanthocarpum</i> Schr. & Wendl. Choti Kateri, Kantakari Family: Solanaceae	Dried stem, small twigs and dried mature fruits	Dr Trupti Mahapatra Govt. Ayurvedic College Raipur- 492001 (C. G.)	
NIScPR/RHMD/ Consult/2021/38 63-64-8 25/8/2021	<i>Centipeda minima</i> (L.) A. Br. & Aschers. syn. <i>Centipeda</i> <i>orbicularis</i> Lour. Sneezewort, Nakchhikni, Nagdowana Family: Asteraceae	Dried aerial parts including stem, flowers, leaves	Dr Trupti Mahapatra Govt. Ayurvedic College Raipur- 492001 (C.G.)	

NIScPR/RHMD/ Consult/2021/38 63-64-9 25/8/2021	<i>Brassica compestris</i> L. Brown Sarson, Mustard Family: Cruciferae, Brassicaceae	Dry seeds	Dr Trupti Mahapatra Govt. Ayurvedic College Raipur- 492001 (C.G.)	
NIScPR/RHMD/ Consult/2021/38 64-65-1 31/8/2021	<i>Ocimum sanctum</i> L. Sri Tulsi or Ram Tulsi Family: Lamiaceae	Dried aerial parts	Mr. Piyush Tyagi Sr. Manager Quality Assurance M/s Charak Pharma Pvt. Ltd. Jaurasi Road, Pauti Village G. T. Road, Samalkha Dist Panipat, Haryana-132101	
NIScPR/RHMD/ Consult/2021/38 64-65-2 31/8/2021	<i>Bacopa monnieri</i> (L.) Pennel Nir Brahmi, Brahmi, Jalneem Family: Scrophulariaceae	Dried whole plant	Mr. Piyush Tyagi Sr. Manager Quality Assurance M/s Charak Pharma Pvt. Ltd. Jaurasi Road, Pauti Village G. T. Road, Samalkha Dist Panipat, Haryana-132101	
NIScPR/RHMD/ Consult/2021/38 64-65-4 31/8/2021	<i>Garcinia indica</i> Choisy Kokam, Vrukshamala, Vrikshamal Family: Clusiaceae	Dried fruits	Mr. Piyush Tyagi Sr. Manager Quality Assurance M/s Charak Pharma Pvt. Ltd. Jaurasi Road, Pauti Village G. T. Road, Samalkha Dist Panipat, Haryana-132101	

NIScPR/RHMD/ Consult/2021/38 65-66-1 06/09/2021	<i>Fragaria ananassa</i> (Weston) Duchesne ex Rozier (hybrid species) Strawberry, Garden Strawberry Family: Rosaceae	Dried fruits	Ms. Anshu Tiwari Galgotia University Campus Greater Noida, UP-201310	
NIScPR/RHMD/ Consult/2021/38 66-67 11/8/2021	<i>Acalypha indica</i> L. Harita-manjari, Kuppi, Indian Acalypha Family: Euphorbiaceae	Whole fresh plant	Ms. Divya Sharma DPSRU, Mehrauli- Badarpur Road Pushp Vihar New Delhi-110017	
NIScPR/RHMD/ Consult/2021/38 68-69 27/8/2021	<i>Tinospora cordifolia</i> (Willd.) Hook. f. & Thoms. Amrita, Giloy, Giloe, Golancho Family: Menispermaceae	Fresh and dried stem pieces and fresh leaves	Dr. Vikram Patial CSIR-IHBT Palampur, Distt. Kangra Himachal Pradesh-176 061	
NIScPR/RHMD/ Consult/2021/38 69-70 31/8/2021	<i>Sida cordifolia</i> L. Bala, Country Mallow Family: Malvaceae	Dried whole plant	Mr. Arman Pambra Jairamdass Khushiram Plot No. 5, Sector 19-C Opp. Punjab National Bank, Vashi Navi Mumbai- 400 703, India	

NIScPR/RHMD/ Consult/2021/38 69-70-1 31/8/2021	<i>Ocimum sanctum</i> L. Tulsi, Sacred Basil, Holy Basil Family: Lauraceae	Leaves	Ms. Anamika Tanwar Institute of Pharmaceutical Sciences Kurukshetra University Kurukshetra-136 119	
NIScPR/RHMD/ Consult/2021/38 69-70-2 31/8/2021	<i>Aloe vera</i> (L.) Burm.f. Indian Aloe, Ghee-kunvar Family: Liliaceae	Leaf	Ms. Anamika Tanwar Institute of Pharmaceutical Sciences Kurukshetra University Kurukshetra-136 119	
NIScPR/RHMD/ Consult/2021/38 71-72-1 31/8/2021	<i>Aloe vera</i> (L.) Burm. f. Indian Aloe, Ghee-kunvar Family: Liliaceae	Leaf	Ms. Neha Institute of Pharmaceutical Sciences Kurukshetra University Kurukshetra-136 119	
NIScPR/RHMD/ Consult/2021/38 71-72-2 31/8/2021	<i>Allium cepa</i> L. Onion, Piyaz Family: Liliaceae; Alliaceae	Fresh bulb	Ms. Neha Institute of Pharmaceutical Sciences Kurukshetra University Kurukshetra-136 119	

NIScPR/RHMD/ Consult/2021/38 72-73-1 31/8/2021	<i>Carica papaya</i> L. Papaya, Papeeta, Papaw Tree Family: Caricaceae	Seeds	Mr. Gaurav Kumar Institute of Pharmaceutical Sciences Kurukshetra University Kurukshetra-136 119	
NIScPR/RHMD/ Consult/2021/38 72-73-2 31/8/2021	<i>Ocimum sanctum</i> L. Tulsi, Sacred Basil, Holy Basil Family: Lamiaceae	Leaves	Mr. Gaurav Kumar Institute of Pharmaceutical Sciences Kurukshetra University Kurukshetra-136 119	
NIScPR/RHMD/ Consult/2021/38 73-74 24/8/2021	<i>Rhus mysorensis</i> G. Don Dansara, Dasni, Darsan Family: Anacardiaceae	Aerial parts including stem, leaves and flowering buds	Ms. Asma Praveen Department of Pharmacognosy School of Pharmaceutical Sciences Delhi Pharmaceutical Sciences & Research University Govt. of NCT, New Delhi-110 017	
NIScPR/RHMD/ Consult/2021/38 75-76-1 27/8/2021	<i>Aloe vera</i> (L.) Burm.f. Indian Aloe, Ghee-kunvar Family: Liliaceae	Leaves	Mr. Praveen Nasa School of Pharmaceutical Sciences OM Sterling Global University Hisar, Haryana- 131101	

NIScPR/RHMD/ Consult/2021/38 75-76-2 27/8/2021	<i>Citrus lemon</i> (L.) Burm. f. Lemon, Nimbu Family: Rutaceae	Fresh fruits Peel	Mr. Praveen Nasa School of Pharmaceutical Sciences OM Sterling Global University Hisar, Haryana- 131101	
NIScPR/RHMD/ Consult/2021/38 75-76-3 27/8/2021	<i>Ocimum sanctum</i> L. Tulsi, Sacred Basil, Holy Basil Family: Lamiaceae	Leaves	Mr. Praveen Nasa School of Pharmaceutical Sciences OM Sterling Global University Hisar, Haryana- 131101	
NIScPR/RHMD/ Consult/2021/38 76-77-1 26/8/2021	<i>Curcuma longa</i> L. syn. <i>Curcuma</i> <i>domestica</i> Valeton Curcuma, Haldi, Turmeric Family: Zingiberaceae	Rhizomes	Dr. Willmar Schwabe India Pvt. Ltd. A-36, Sector-60, Phase-3, Noida Uttar Pradesh- 201304	
NIScPR/RHMD/ Consult/2021/38 76-77-2 27/8/2021	<i>Phyllanthus</i> <i>emblica</i> L. syn. <i>Emblica</i> <i>officinalis</i> Gaertn. Amla, Anvala, Embelic Myrobalan Family: Euphobiaceae	Dried fruits	Dr. Willmar Schwabe India Pvt. Ltd. A-36, Sector-60, Phase-3, Noida Uttar Pradesh- 201304	

NIScPR/RHMD/ Consult/2021/38 76-77-3 27/8/2021	<i>Withania somnifera</i> (L.) Dunal Ashwagandha, Punir, Asgandh Family: Solanaceae	Roots	Dr. Willmar Schwabe India Pvt. Ltd. A-36, Sector-60, Phase-3, Noida Uttar Pradesh- 201304	
NIScPR/RHMD/ Consult/2021/38 76-77-4 27/8/2021	<i>Moringa oleifera</i> Lam. Drumstick Tree, Horse Radish Tree, Sahjana Family: Moringaceae	Dried leaves	Dr. Willmar Schwabe India Pvt. Ltd. A-36, Sector-60, Phase-3, Noida Uttar Pradesh- 201304	
NIScPR/RHMD/ Consult/2021/38 76-77-5 27/8/2021	<i>Terminalia bellirica</i> Roxb. Baheda, Bahera, Belliric Myrobalan (Chilka) Family: Combretaceae	Dried fruit peels/perica rps	Dr. Willmar Schwabe India Pvt. Ltd. A-36, Sector-60, Phase-3, Noida Uttar Pradesh- 201304	
NIScPR/RHMD/ Consult/2021/38 76-77-6 27/8/2021	<i>Commiphora wightii</i> (Arn.) Bhandari syn. <i>Commiphora mukul</i> (Hook. ex Stocks) Engl. Guggul, Indian Bdellium Family: Burseraceae	Gum resin	Dr. Willmar Schwabe India Pvt. Ltd. A-36, Sector-60, Phase-3, Noida Uttar Pradesh- 201304	

NIScPR/RHMD/ Consult/2021/38 78-79 27/8/2021	<i>Convolvulus prostratus</i> Forsk. syn. <i>Convolvulus microphyllus</i> Sieb. ex Spreng., <i>Convolvulus pluricaulis</i> Choisy Shankhapushpi, Shankhahuli Family: Convolvulaceae	Whole plant	Mr. Piyush Shukla Department of Pharmacy GLA University, Mathura-281406	
NIScPR/RHMD/ Consult/2021/38 79-80-1 31/8/2021	<i>Nardostachys jatamansi</i> (D. Don) DC. syn. <i>Nardostachys grandiflora</i> DC. Jatamansi, Balchar, Sumbul- ut-Tib Family: Valerianaceae	Rhizomes	Dr. Nuzhat Praween Jamia Hamdard Department of Moalajat SUMER, Jamia Hamdard New Delhi- 110062	
NIScPR/RHMD/ Consult/2021/38 79-80-2 31/8/2021	<i>Gentiana olivierii</i> Griseb. Gul-e-ghafis Family: Gentianeae	Dried flowers	Dr. Nuzhat Praween Jamia Hamdard Department of Moalajat SUMER, Jamia Hamdard New Delhi- 110062	
NIScPR/RHMD/ Consult/2021/38 79-80-3 31/8/2021	<i>Apium graveolens</i> L. Celery, Tukhm-e- Krafs, Ajmod, Khurasani, Ajwain Family: Apiaceae	Dried seeds	Dr. Nuzhat Praween Jamia Hamdard Department of Moalajat SUMER, Jamia Hamdard New Delhi- 110062	

NIScPR/RHMD/ Consult/2021/38 79-80-4 31/8/2021	<i>Rheum australe</i> D. Don syn. <i>Rheum emodi</i> Wall. Revand Chini, Rawand Chini, Peetmoola Family: Polygonaceae	Dried roots	Dr. Nuzhat Praween Jamia Hamdard Department of Moalajat SUMER, Jamia Hamdard New Delhi- 110062	
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SEPTEMBER 2021

NIScPR/RHMD/ Consult/2021/38 80-81 10/09/2021	<i>Oroxylum indicum</i> Vent. Arlu, Shyonaka, Sonapatha, Tarlu Family: Bignoniaceae	Dried bark	Ms. Syeda Nashiva Adin Department of Pharmacognosy & Phytochemistry School of Pharmaceutical Education & Research, Jamia Hamdard, Hamdard Nagar New Delhi- 110062	
NIScPR/RHMD/ Consult/2021/38 81-82 07/09/2021	<i>Inula racemosa</i> Hook. f. Pokharmool, Pushkarmool Family: Asteraceae	Dried roots	Mr. Arun Kumar Tiwari Department of Pharmaceutical Sciences, Sam Higginbottom University of Agriculture Technology & Sciences (SHUATS) Prayagraj- 211007, U. P.	

NIScPR/RHMD/ Consult/2021/38 82-83 03/09/2021	<i>Cannabis sativa</i> L. True Hemp, Soft Hemp, Marijuana, Bhang Family: Cannabinaceae	Leaves	Mr. Aman Shrivastava Dept. of Pharmacology, I.P. S. College of Pharmacy Gwalior, M. P.	
NIScPR/RHMD/ Consult/2021/38 83-84 13/09/2021	<i>Citrus sinensis</i> (L.) Osbeck Mosambi Family: Rutaceae	Dried peels	Ms. Isha Gupta Department of Pharmacognosy & Phytochemistry School of Pharmaceutical Education & Research, Jamia Hamdard, Hamdard Nagar New Delhi- 110062	
NIScPR/RHMD/ Consult/2021/38 84-85-1 03/09/2021	<i>Phyllanthus emblica</i> L. syn. <i>Emblica officinalis</i> Gaertn. Amla, Amalki, Embelic Myrobalan Family: Euphorbiaceae	Dried fruits	Ms. Mradu Bhadauriya C/o Prof. Nalini Srivastava School of Studies in Biochemistry Jiwaji University, Gwalior (M. P.) Pincode-474011	
NIScPR/RHMD/ Consult/2021/38 84-85-2 03/09/2021	<i>Terminalia chebula</i> Retz. Haritaki, Harada, Chebulic myrobalan Family: Combretaceae	Dried fruits	Ms. Mradu Bhadauriya C/o Prof. Nalini Srivastava School of Studies in Biochemistry Jiwaji University, Gwalior (M. P.) Pincode-474011	

NIScPR/RHMD/ Consult/2021/38 84-85-3 03/09/2021	<i>Terminalia bellirica</i> (Gaertn.) Roxb. Vibhitiki, Bibhitaka, Beleric Myrobalan, Baheraa Family: Combretaceae	Dried fruits	Ms. Mradu Bhadauriya C/o Prof. Nalini Srivastava School of Studies in Biochemistry Jiwaji University, Gwalior (M. P.) Pincode-474011	
NIScPR/RHMD/ Consult/2021/38 85-86 06/09/2021	<i>Tecoma stans</i> (L.) Juss. ex Kunth. Yellow Bells, Yellow Trumpet bush, Yellow Trumpet flower Family: Bignoniaceae	Dried leaves	Ms. Safeena Parwez, Galgotia University Campus Greater Noida, UP-201310	
NIScPR/RHMD/ Consult/2021/38 86-87 06/09/2021	<i>Jasminum sambac</i> (L.) Aiton Arabian Jasmine, Mogra Family: Oleaceae	Dried leaves	Ms. Priya Kumari Galgotia University Campus Greater Noida, UP-201310	
NIScPR/RHMD/ Consult/2021/38 87-88 06/09/2021	<i>Psoralea corylifolia</i> L. syn. <i>Cullen corylifolium</i> (L.) Medik. Babchi, Bakuchi, Kushtanashi, Purple Fleabane Family: Fabaceae	Seeds	Mr. Akshay Maheshwari Galgotia University Campus Greater Noida, UP-201310	

NIScPR/RHMD/ Consult/2021/38 88-89 06/09/2021	<i>Vaccinium corymbosum</i> L. Blueberry, Northern Highbush blueberry, Tall Bilberry Family: Vacciniaceae	Dried fruits	Ms Soniya Galgotia University Campus Greater Noida, UP-201310	
NISCAIR/RHM D/Consult/2020/ 3889-90-1 21/9/2021	<i>Withania somnifera</i> Dunal Asgandh, Punir, Ashwagandha Family: Solanaceae	Dried roots	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-2 21/9/2021	<i>Aconitum heterophyllum</i> Wall. ex Royle Atis Roots, Atish Kadvi Family: Ranunculaceae	Dried roots	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	

NISCAIR/RHM D/Consult/2020/ 3889-90-3 21/9/2021	<i>Anacyclus pyrethrum</i> DC. Akarkara, Akarkrabha, Pellitori Root Family: Asteraceae	Roots	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-4 21/9/2021	<i>Aegle marmelos</i> (L.) Corr. Bael, Bengal Quince, Sripthal, Bilva Family: Rutaceae	Dried fruit pulp	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-5 21/9/2021	<i>Acacia nilotica</i> Delile Babul, Desi Kikkar, Indian Gum Arabic Tree Family: Mimosaceae	Dried gum	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	

NISCAIR/RHM D/Consult/2020/ 3889-90-7 21/9/2021	<i>Amomum subulatum</i> Roxb. Badi Elaichi, Bara Elayechi, Elaichi Badi, Greater Cardamom Family: Zingiberaceae	Capsules (Fruits)	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-8 21/9/2021	<i>Psoralea corylifolia</i> L. Bakuchi, Babchi, Bavanchi Family: Fabaceae	Seeds	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-9 21/9/2021	<i>Plumbago zeylanica</i> L. Chitarak, Cheeta mool Family: Plumbaginaceae	Dried roots	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	

NISCAIR/RHM D/Consult/2020/ 3889-90-10 21/9/2021	<i>Swertia chirayita</i> (Roxb. ex Flem.) Karst. Chirata, Bhunimba Family: Gentianaceae	Dried aerial parts	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-11 21/9/2021	<i>Berberis aristata</i> DC. Daru Haldi, Daruharidra, Indian Berberis Family: Berberidaceae	Dried stem and root pieces	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-12 21/9/2021	<i>Cedrus deodara</i> (Roxb. ex D. Don) Loud. syn. <i>Cedrus libanti</i> Barrel. var. <i>deodara</i> Hook. f. Deodar, Devdar, Devdaru, Himalayan Cedar Family: Pinaceae	Heartwood pieces	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	

NISCAIR/RHM D/Consult/2020/ 3889-90-13 21/9/2021	<i>Vitis vinifera</i> L. Munnakkaa, Draaksha, Black bloom raisins Family: Vitaceae	Dried mature fruits with seeds	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-14 21/9/2021	<i>Sphaeranthus indicus</i> L. East Indian Globe Thistle, Gorakh mundi, Mundi, Mahamundi Family: Asteraceae	Floral heads	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-15 21/9/2021	<i>Rosa</i> sp. Gulab, Rose petals Family: Rosaceae	Dried flower petals	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	

NISCAIR/RHM D/Consult/2020/ 3889-90-16 21/9/2021	<i>Hibiscus rosa-sinensis</i> L. Gudhal, Shoe Flower, Jasum Family: Malvaceae	Dried flowers	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village-Makkanpur Mehmood Alam Pargana & Tehsil-Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-17 21/9/2021	<i>Onosma bracteatum</i> Wall. Gaozaban, Ganjvan, Shankhahuli Family: Boraginaceae	Dried stem and leaves pieces	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village-Makkanpur Mehmood Alam Pargana & Tehsil-Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-18 21/9/2021	<i>Gmelina arborea</i> Roxb. Gambhari, Gambhar, Kasmar, Gambhari chal Family: Verbenaceae	Stem Barks	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village-Makkanpur Mehmood Alam Pargana & Tehsil-Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	

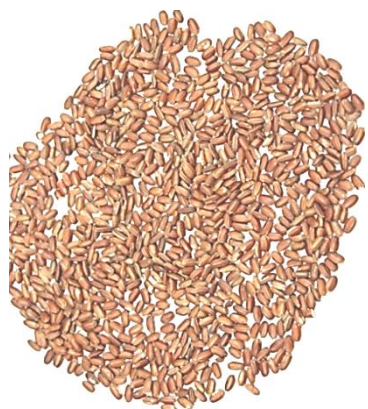
NISCAIR/RHM D/Consult/2020/ 3889-90-19 21/9/2021	<i>Curcuma longa</i> L. syn. <i>Curcuma domestica</i> Valeton Haldi, Haridra, Turmeric Family: Zingiberaceae	Rhizomes (main parts, round form)	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-20 21/9/2021	<i>Citrullus colocynthis</i> (L.) Schrader. Indravaaruni Mool, Indrayan mool, Colocynth root Family: Cucurbitaceae	Dried roots	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-21 21/9/2021	<i>Nardostachys grandiflora</i> DC. syn. <i>Nardostachys jatamansi</i> DC. Jatamansi, Spike Nard, Balchar Family: Valerianaceae	Rhizomes	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	

NISCAIR/RHM D/Consult/2020/ 3889-90-22 21/9/2021	<i>Acacia catechu</i> Willd. Cutch Tree, Khair Family: Mimosaceae	Stem bark	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-23 21/9/2021	<i>Nelumbo nucifera</i> Gaertn. Indian Red Water-Lily, Kamal Family: Nymphaeaceae	Dried petals	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-24 21/9/2021	<i>Curcuma zedoaria</i> (Christm.) Rosc. Kachur, Zedoary Root, Kasturi- Manjal Family: Zingiberaceae	Dried rhizomes	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	

NISCAIR/RHM D/Consult/2020/ 3889-90-25 21/9/2021	<i>Vetiveria zizanioides</i> (L.) Nash Vetiver, Khas- Khas, Khus-Khus Family: Poaceae	Roots	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-26 21/9/2021	<i>Piper nigrum</i> L. Kali Mirch, Black Pepper, Golemiricha Family: Piperaceae	Unripe fruits	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-27 21/9/2021	<i>Nelumbo nucifera</i> Gaertn. Kamal gutta Family: Nymphaeaceae	Dried mature seeds	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	

NISCAIR/RHM D/Consult/2020/ 3889-90-29 21/9/2021	<i>Symplocos racemosa</i> Roxb. Lodhra, Lodh, Lodhar Family: Symplocaceae	Stem bark pieces	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-30 21/9/2021	<i>Quercus infectoria</i> Oliv. Majuphal, Mayaphal, Oak gall nuts Family: Fagaceae	Dried gall nuts	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-31 21/9/2021	<i>Mesua ferrea</i> L. Nagkesar, Pila Nagkesar, Cobra saffron Family: Clusiaceae	Mixture of flower buds, flowers, stamens and anthers	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	

NISCAIR/RHM D/Consult/2020/ 3889-90-32 21/9/2021	<i>Operculina turpethum</i> (L.) Silva Manso syn. <i>Merremia turpethum</i> (L.) Shah & Bhatt.; <i>Convolvulus turpethum</i> L., <i>Ipomoea turpethum</i> R.Br. Nisoth, Indian Jalap Family: Convolvulaceae	Dried roots	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-34 21/9/2021	<i>Mentha arvensis</i> L. Field Mint, Corn Mint, Pudina Family: Lamiaceae	Dried aerial parts	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-35 21/9/2021	<i>Bergenia ligulata</i> (Wall.) Engl. Pashanbhed, Wax Flower Root Family: Saxifragaceae	Dried roots	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	

NISCAIR/RHM D/Consult/2020/ 3889-90-36 21/9/2021	<i>Pluchea lanceolata</i> C.B. Clarke Raasna patti, Bansurai Family: Asteraceae	Dried leaves	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village-Makkanpur Mehmood Alam Pargana & Tehsil-Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-37 21/9/2021	<i>Oryza longistaminata</i> A. Cheval. & Roehr. Sathi-Chawal, Red Rice Family: Poaceae	Dried grains	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village-Makkanpur Mehmood Alam Pargana & Tehsil-Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-40 21/9/2021	<i>Hygrophila auriculata</i> (Schum.) Heine syn. <i>Asteracantha longifolia</i> (L.) Nees Talmakhana, Kuliaakhara Family: Acanthaceae	Dried seeds	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village-Makkanpur Mehmood Alam Pargana & Tehsil-Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	

NISCAIR/RHM D/Consult/2020/ 3889-90-41 21/9/2021	<i>Justicia adhatoda</i> L. syn. <i>Adhatoda zeylanica</i> Medik., <i>Adhatoda vasica</i> Nees Adusa, Bansa, Safed Vasa, Vasaka Family: Acanthaceae	Dried leaves	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-42 21/9/2021	<i>Embelia ribes</i> Burm. f. Vidanga, Baividang Family: Myrsinaceae	Fruits	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NISCAIR/RHM D/Consult/2020/ 3889-90-43 21/9/2021	<i>Crateva nurvala</i> Buch.-Ham. syn. <i>Crateva religiosa</i> var. <i>nurvala</i> (Buch.-Ham.) Hook. f. & Thom. Varuna chaal, Three Leaves Caper Bark, Barna Chal Family: Capparidaceae	Stem barks	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	

NISCAIR/RHMD/Consult/2020/3889-90-45 21/9/2021	<i>Acacia catechu</i> Willd. Cutch, Khair, Kattha, Catechu Family: Mimosaceae	Dried/ processed heartwood extract	Multani Pharmaceuticals Ltd Analytical Division Khasra No. 37, Village- Makkanpur Mehmood Alam Pargana & Tehsil- Bhagwanpur Dist.- Haridwar (Uttarakhand)- 247 661, India	
NIScPR/RHMD/Consult/2021/3890-91 08/09/2021	<i>Cynodon dactylon</i> (L.) Pers. Dhub Grass, Bermuda or Bahama Grass, Durva, Hariali Family: Poaceae	Dried whole plant	Ms. Gurpreet Kaur School of Pharmaceutical Sciences Delhi Pharmaceutical Sciences and Research University, Pushp Vihar, Govt. of NCT of Delhi, New Delhi	
NIScPR/RHMD/Consult/2021/3891-92-2 14/9/2021	<i>Commiphora wightii</i> (Arn.) Bhandari syn. <i>Commiphora mukul</i> (Hook. ex Stocks) Engl. Guggul, Indian Bdellium Family: Burseraceae	Gum resin	The Q A Assistant Manager Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore- 560008	

NIScPR/RHMD/ Consult/2021/38 91-92-3 14/9/2021	<i>Cinnamomum verum</i> Presl syn. <i>Cinnamomum zeylanicum</i> Blume Cinnamon, Dalchini Family: Lauraceae	Dried stem bark	The Q A Assistant Manager Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore-560008	
NIScPR/RHMD/ Consult/2021/38 91-92-4 14/9/2021	<i>Andrographis paniculata</i> (Burm. f.) Wall. ex Nees Kaalmegh, The Creat Family: Acanthaceae	Dried aerial vegetative parts	The Q A Assistant Manager Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore-560008	
NIScPR/RHMD/ Consult/2021/38 91-92-5 14/9/2021	<i>Phyllanthus niruri</i> L. Bhumyamalaki Family: Euphorbiaceae	Dried aerial parts	The Q A Assistant Manager Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore-560008	
NIScPR/RHMD/ Consult/2021/38 91-92-7 14/9/2021	<i>Brassica rapa</i> var. <i>rapa</i> L. Turnip, Shaljum Family: Brassicaceae	Dried root pieces	The Q A Assistant Manager Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore-560008	

NIScPR/RHMD/ Consult/2021/38 91-92-8 14/9/2021	<i>Alangium salviifolium</i> (L. f.) Wang. syn. <i>Alangium lamarckii</i> Thw. Akola, Ankola Family: Alangiaceae	Dried fruits	The Q A Assistant Manager Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore- 560008	
NIScPR/RHMD/ Consult/2021/38 91-92-9 14/9/2021	<i>Withania somnifera</i> Dunal Asgandh, Punir, Ashwagandha Family: Solanaceae	Dried leaves	The Q A Assistant Manager Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore- 560008	
NIScPR/RHMD/ Consult/2021/38 91-92-10 14/9/2021	<i>Curcuma longa</i> L. Turmeric, Haldi, Haridra, Manjal Family: Zingiberaceae	Immature rhizomes	The Q A Assistant Manager Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore- 560008	
NIScPR/RHMD/ Consult/2021/38 91-92-11 14/9/2021	<i>Tinospora cordifolia</i> (Willd.) Hook. f. & Thoms. Giloy, Giloe, Amrita, Golancho Family: Menispermaceae	Leaves	The Q A Assistant Manager Green Chem, 2030, Unit 1A 1 st Cross Road, HAL 2 nd Stage Kodihalli, Bangalore- 560008	

NIScPR/RHMD/ Consult/2021/38 92-93 08/09/2021	<i>Murraya koenigii</i> (L.) Spreng. Curry Patta, Kurry Patta, Mitha Neem, Curry Leaf Tree Family: Rutaceae	Leaves	Mr. Ashutosh Tyagi Institute of Pharmaceutical Research GLA University Agra Road, Mathura, U P	
NIScPR/RHMD/ Consult/2021/38 93-94-1 10/09/2021	<i>Trigonella foenum-graceum</i> L. Fenugreek, Methi Family: Fabaceae	Dry mature seeds	Mr. Rajesh Kumar Sharma Teerthankar Mahaveer College of Pharmacy Teerthankar Mahaveer Univ. Moradabad- 244001, UP	
NIScPR/RHMD/ Consult/2021/38 93-94-2 10/09/2021	<i>Cocos nucifera</i> L. Coconut, Nariyal Family: Arecaceae	Dried outer husks of fruit	Mr. Rajesh Kumar Sharma Teerthankar Mahaveer College of Pharmacy Teerthankar Mahaveer Univ. Moradabad- 244001, UP	
NIScPR/RHMD/ Consult/2021/38 94-95 13/09/2021	<i>Chenopodium album</i> L. Bathu, Bathua sag, Lamb's Quarter, White Goosefoot, Wild Spinach Family: Chenopodiaceae	Leaves	Ms. Rajwinder Kaur Rayat Institute of Pharmacy Railmajra, Tehsil Balachaur Ropar-144 533, Punjab	

NIScPR/RHMD/ Consult/2021/38 95-96 14/09/2021	<i>Callistemon viminalis</i> (Soland. ex Gaertn.) Cheel Weeping Bottle- Brush Family: Myrtaceae	Leaves	Ms. Tamanna Rayat Institute of Pharmacy Railmajra, Ropar, Punjab	
NIScPR/RHMD/ Consult/2021/38 96-97-1 15/9/2021	<i>Moringa oleifera</i> Lamk. Drumstick Tree, Horse Radish Tree, Sainjna Family: Moringaceae	Fresh pods	Ms. Pinki Phougat School of Pharmaceutical Sciences OM Sterling Global Univ. Haryana-125001	
NIScPR/RHMD/ Consult/2021/38 96-97-2 15/9/2021	<i>Aegle marmelos</i> (L.) Corr. Bilva, Bel, Bael, Sriphal, Bengal Quince Family: Rutaceae	Fresh leaves	Ms. Pinki Phougat School of Pharmaceutical Sciences OM Sterling Global Univ. Haryana-125001	
NIScPR/RHMD/ Consult/2021/38 96-97-3 15/9/2021	<i>Bombax ceiba</i> L. syn. <i>Salmaal</i> <i>malabarica</i> (DC.) Schott & Endl., <i>Bombax</i> <i>malabaricum</i> DC. Silkcotton Tree, Semul, Shembal Family: Bombacaceae	Dried flowers	Ms. Pinki Phougat School of Pharmaceutical Sciences OM Sterling Global Univ. Haryana-125001	

NIScPR/RHMD/ Consult/2021/38 96-97-4 15/9/2021	<i>Hibiscus rosa-sinensis</i> L. Shoe Flower, Chinese Hibiscus, Jasun Family: Malvaceae	Flowers	Ms. Pinki Phougat School of Pharmaceutical Sciences OM Sterling Global Univ. Haryana-125001	
NIScPR/RHMD/ Consult/2021/38 97-98 10/09/2021	<i>Nyctanthes arbor-tristis</i> L. Harsingar, Parijat, Seoli, Night Jasmine, Coral Jasmine Family: Oleaceae	Leaves	Ms. Triveni Nandal Institute of Pharmaceutical Sciences Kurukshetra University Kurukshetra - 136119	
NIScPR/RHMD/ Consult/2021/38 98-99 14/9/2021	<i>Curcuma longa</i> L. Turmeric, Haldi, Haridra, Manjal Family: Zingiberaceae	Immature dried rhizomes	Dr. Willmar Schwabe India Pvt. Ltd. A-36, Sector-60, Phase-3, Noida Uttar Pradesh- 201304	
NIScPR/RHMD/ Consult/2021/38 99-100 20/9/2021	<i>Pyrus communis</i> L. Common or European Pear, Babugosha Family: Rosaceae	Fresh Fruit	Mr Pankaj Kumar Swift School of Pharmacy Vill.- Ghaggar Sarai, Rajpura Punjab-140401	

NIScPR/RHMD/ Consult/2021/39 00-01-1 20/9/2021	<i>Litchi chinensis</i> (Gaertn.) Sonn. Litchi, Lychee, Lichi Family: Sapindaceae	Dried leaves and seeds	Mr. Jagat Pal Yadav Kamla Nehru Institute of Management and Technology Faculty of Pharmacy Faridipur, Sultanpur	
NIScPR/RHMD/ Consult/2021/39 00-01-2 20/9/2021	<i>Neolamarckia</i> <i>cadamba</i> (Roxb.) Bossner syn. <i>Anthocephalus</i> <i>cadamba</i> (Roxb.) Miq. Kadamba, Kadam Family: Rubiaceae	Aerial parts including leaves and flowers	Mr. Jagat Pal Yadav Kamla Nehru Institute of Management and Technology Faculty of Pharmacy Faridipur, Sultanpur	
NIScPR/RHMD/ Consult/2021/39 00-01-3 20/9/2021	<i>Cucumis melo</i> var. <i>agrestis</i> Naudin Wild melon, Kachari Family: Cucurbitaceae	Aerial parts including flowers	Mr. Jagat Pal Yadav Kamla Nehru Institute of Management and Technology Faculty of Pharmacy Faridipur, Sultanpur	
NIScPR/RHMD/ Consult/2021/39 02-03-2 26/9/2021	<i>Solanum</i> <i>virginianum</i> L. syn. <i>S. surattense</i> <i>indicum</i> Burm. f., <i>S. xanthocarpum</i> Schrud. & Wendl. Choti Kateri, Kantakari Family: Solanaceae	Dried stem, small twigs and dried mature fruits	Mr. Piyush Tyagi Sr. Manager Quality Assurance M/s Charak Pharma Pvt. Ltd. Jaurasi Road, Pauti Village G. T. Road, Samalkha Dist Panipat, Haryana	

NIScPR/RHMD/ Consult/2021/39 02-03-3 26/9/2021	<i>Momordica charantia</i> L. Bitter gourd, Karela Family: Cucurbitaceae	Dried fruits	Mr. Piyush Tyagi Sr. Manager Quality Assurance M/s Charak Pharma Pvt. Ltd. Jaurasi Road, Pauti Village G. T. Road, Samalkha Dist Panipat, Haryana	
NIScPR/RHMD/ Consult/2021/39 02-03-4 26/9/2021	<i>Foeniculum vulgare</i> Mill. Fennel, Saunf Family: Apiaceae	Dried fruits	Mr. Piyush Tyagi Sr. Manager Quality Assurance M/s Charak Pharma Pvt. Ltd. Jaurasi Road, Pauti Village G. T. Road, Samalkha Dist Panipat, Haryana	
NIScPR/RHMD/ Consult/2021/39 02-03-5 26/9/2021	<i>Withania somnifera</i> (L.) Dunal Ashwagandha, Punir, Asgandh Family: Solanaceae	Dried roots	Mr. Piyush Tyagi Sr. Manager Quality Assurance M/s Charak Pharma Pvt. Ltd. Jaurasi Road, Pauti Village G. T. Road, Samalkha Dist Panipat, Haryana	
NIScPR/RHMD/ Consult/2021/39 03-04-1 24/9/2021	<i>Phyllanthus emblica</i> L. syn. <i>Emblica officinalis</i> Gaertn. Amla, Amalaki, Anvala, Embelic Myrobalan Family: Euphorbiaceae	Dried fruits	Dr Bushra Parveen A& U Tibbia College & Hospital Ajmal Khan Road, Karol Bagh New Delhi	

NIScPR/RHMD/ Consult/2021/39 03-04-2 24/9/2021	<i>Terminalia chebula</i> Retz. Halela, Harad, Harde, Haritaki, Chebulic Myrobalan Family: Combretaceae	Dried fruits	Dr Bushra Parveen A& U Tibbia College & Hospital Ajmal Khan Road, Karol Bagh New Delhi	
NIScPR/RHMD/ Consult/2021/39 03-04-3 24/9/2021	<i>Terminalia bellirica</i> Roxb. Balela, Bahera, Belliric Myrobalan Family: Combretaceae	Dried fruits	Dr Bushra Parveen A& U Tibbia College & Hospital Ajmal Khan Road, Karol Bagh New Delhi	
NIScPR/RHMD/ Consult/2021/39 03-04-4 24/9/2021	<i>Foeniculum vulgare</i> Mill. Fennel, Saunf, Badyan Family: Apiaceae	Dried fruits	Dr Bushra Parveen A& U Tibbia College & Hospital Ajmal Khan Road, Karol Bagh New Delhi	
NIScPR/RHMD/ Consult/2021/39 04-05 27/9/2021	<i>Pennisetum glaucum</i> (L.) R. Br. syn. <i>Pennisetum typhoides</i> (Burm. f.) Stapf. & C. E. Hubb. Bajra, Lahra, Pearmillet, Bulrush Millet, Spiked Millet Family: Poaceae	Dried seeds/grains	Ms. Shivani Dhiman Rayat Institute of Pharmacy Railmajra, Tehsil Balachaur Ropar-144533, Punjab, India	

NIScPR/RHMD/ Consult/2021/39 05-06 29/9/2021	<i>Sansevieria trifasciata</i> Prain Snake Plant, African Bowstring Hemp Family: Liliaceae	Fresh leaves	Ms. Megha Rana Rayat Institute of Pharmacy Railmajra, Tehsil Balachaur Ropar-144533, Punjab, India	
NIScPR/RHMD/ Consult/2021/39 06-07 01/10/2021	<i>Smilax zeylanica</i> L. Chopachinee, Jangli Aushbah, Kumarika, Madhusnuhi Family: Liliaceae	Dried root	Km. Bharti Rani I.T.S. College of Pharmacy Delhi Meerut Road, Murad Nagar Ghaziabad	
NIScPR/RHMD/ Consult/2021/39 08-09 27/9/2021	<i>Mentha arvensis</i> L. Field Mint, Corn Mint, Pudina Family: Lamiaceae	Dried leaves	Dr Bushra Sabir Department of Ilmul Saidla A& U Tibbia College & Hospital Ajmal Khan Road, Karol Bagh New Delhi	
NIScPR/RHMD/ Consult/2021/39 09-10-1 28/9/2021	<i>Piper longum</i> L. Pipal, Pippali Family: Piperaceae	Mature fruiting spikes	Ms. Pooja Sharma Delhi Institute of Pharmaceutical Sciences & Research Mehrauli - Badarpur Road, Sector-3 Pushp Vihar, New Delhi	

NIScPR/RHMD/ Consult/2021/39 09-10-2 28/9/2021	<i>Piper betle</i> L. Betel leaf, Pan Patta, Tambuli Family: Piperaceae	Fresh leaves	Ms. Pooja Sharma Delhi Institute of Pharmaceutical Sciences & Research Mehrauli - Badarpur Road, Sector-3 Pushp Vihar, New Delhi- 110017	
NIScPR/RHMD/ Consult/2021/39 10-11 29/9/2021	<i>Bauhinia variegata</i> L., Kachnar, Buddhist Bauhinia, Mountain Ebony, Orchid Tree Family: Caesalpiniaceae	Flowers and buds	Mr. Jitendra Singh Jagmeet Memorial College of Pharmacy 10 Km, Miles Stone, Chandpur Dist. , Bijnor, U P- 246725	
NIScPR/RHMD/ Consult/2021/39 1-11-12 29/9/2021	<i>Eleusine corogana</i> L. Finger Millet, African Millet, Ragi, Mandua Family: Poaceae	Dried seeds	Surya Nath Pandey University Institute of Pharma Sciences Chandigarh University, Mohali, Punjab	

PLANT OF THE MONTH

In each issue we are publishing short note on a plant growing in CSIR–NISAIR campus. Tree species in addition to annual ornamentals, weeds, shrubs and climbers will be considered and photographs of the fresh whole plant, its parts including roots, stem, bark, leaves, flowers, fruits, seeds and dried forms shall be displayed for assisting identification.



Helianthus annuus L.

Family: Asteraceae

English and Vernacular Names: Common Sunflower, Surajmukhi.

Distribution and Cultivation: Grown as ornamental plant and as oil yield crop.

Description: Annual herb, 25 m in height, stems hairy. Leaves 10- 30 cm long, broadly ovate to cordate, toothed, roughly pubescent on both sides. Flower heads 4-15 cm in size. Flowers single or double, terminal. Ray florets yellow, surrounding brown purple centre of disc florets. Achenes cylindrical, obovoid-compressed, white, black or striped.

Uses: An edible oil seed or fodder yielding crop. The Crop is ready to harvest in 4-5 months. Dehusked seeds (kernels) are also consumed raw or roasted and salted like peanuts. Shelled seeds are ground and used for making bread. Sunflower oil is considered to equal to olive oil in nutritive values. Seeds cake or meal left after the extraction of oil is used as a high grade protein supplement for livestock especially for dairy cows.

The discs of heads are eaten like Jerusalem artichoke. Stalks left after harvesting flower heads are good source of fuel and ash as fertilizer. Stalks are also good raw material for cellulose for manufacturing paper and plastics. Flowers are also visited by honey bees and also a yellow natural dye could be extracted from flower heads. Leaf extract has shown antibacterial and anti malarial activity and seeds are diuretic, expectorant and antidiysenteric. Naga tribes use decoction of roots as antidiabetic.

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