

**1. TITLE: NEERKURI UROMACROSCOPY ANALYSIS - CODE OF PRACTICE**

Last Date of Comments: 28.02.2024

S.No.	Clause/ Subclau se No.& Attach ment	Paragraph No./Figure No./Table No.	Comments/Suggestions along with Justification for the Proposed Change	Proposed Change/Modified Wordings	Recommendations of the Committee
1.	Pg.14	Point 7	Fullers earth (Mixed with ??)	Please verify	Accepted. Fullers earth may be replaced with Fuller's earth (pooneeru)
2.	Pg. 3	4.1.2	Test tube 195ml (38mm x 200mm)	Please verify	Accepted. The following sentence may be removed in the paragraph 4.1.2 to avoid conflict. "Test tube 195ml (38mm x 200mm)" may be appropriate in this paragraph 4.1.2. Because this big test tube may be used to find deposits, appropriate colour of urine without any errors. So the ideal test tube is mentioned here.
3.	Pg. 6	5.4.2	Multicolored Bubbles	Multicolored bubbles	Accepted. Caps error in Bubbles. Corrected: bubbles
4.	Pg. 6	Table 1 Variant Chart	theetugal	keetrugal or kodugal	Accepted. Theetugal may be removed and kodugal may be added. Corrected: kodugal

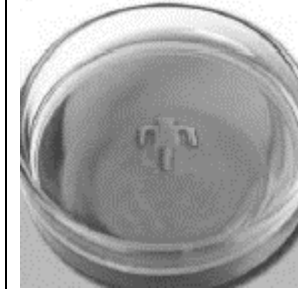
5.	Pg. 9	Annexure A S.No 2	Citrus aurantium fruit colour	Citrus medica fruit colour	Not accepted. <i>Citrus aurantium</i> fruit colour (Thurunchil pazha niram). <i>Citrus medica</i> is different from <i>Citrus aurantium</i> .
6.	Pg. 11	Table 2 S.No. 21	Bone tuberculosis (Elumbai thaakum noi)	Can we make Elumbai thaakum noi kshaya Noi or Elumburukki instead of Elumbai thaakum noi	Accepted. Bone tuberculosis (Elumbai thaakum noi) may be changed into Diseases affecting bone (Elumbai thaakum noi)
7.	Pg. 12	Annexure D column 3	Similar smell	Similar Smell	Accepted. Smell
8.	Pg. 13	Annexure D S.No. 11	Smell of stag	Is it smell of stag or stag urine	Accepted. It is stag's urine smell. Smell of stag may be replaced with stag's urine smell
9.	Pg.14	S.No. 7 table 3	glass	Smells glass does not seem appropriate, please clarify	Accepted. "glass" may be removed. glass
10.	Pg.14	S.No. 8	Clear breast milk	Please clarify C clear breast milk	Accepted Caps error. "clear breast milk"

11.	General	Whole Document	Comment - For all the Tamil words, diacritic marks have to be given for legible reading and for correct pronunciation by the people who do not know Tamil.		To the Review of Publishing Dept, BIS.
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**2. TITLE: Neikuri (Oleo-Uromacroscopy) Analysis - Code of Practice**  
**LAST DATE OF COMMENTS: 3.2.2024**

S. No.	Basic Details	Clause/Subclause No.& Attachment	Paragraph No./Figure No./Table No.	Type of Comment	Comments/Suggestions along with Justification for the Proposed Change	Proposed Change/Modified Wordings	Recommendations of the Committee
1	Name: Dr. A. Balamurugan Email: balamurugan.aditya@gmail.com Mobile: 9443403094 Comment ID #: AYD_2024-02-021660	FOREWORD	4	General	diagnostic tool for Preventive, Personalized and Prophylactic treatment through Siddha Medicine -is mentioned in the draft	I suggested to include Prognosis	Accepted “diagnostic tool for Preventive, Personalized and Prophylactic treatment through Siddha Medicine” may be replaced with “diagnostic tool for Preventive, Personalized, Prognostic and Prophylactic treatment through Siddha Medicine” Necessary changes shall be made in the document
		3.2		Editorial	The term "Nei" denotes oil--is mentioned in the draft	I suggested that it may be Dil	Accepted 3.2 The term “Nei” denotes Oil (Gingelly oil)
		Annexure A	3	General	PERAL pattern	PEARL pattern	Accepted

		Annexure A	111	General	In draft it is Yana vadivam	Yaana vadivam	Accepted
		Annexure A	112	General	periya yanai vadivam	periya yaana vadivam	Accepted
		Annexure A	129	General	Monoped Man Pattern	In my view oleo-Uro macroscopy Pattern has two legs	Accepted The old image may be changed with the following new image.
		Annexure B		General	column Pozhudu	I suggested it may be Perum pozhudu or Kaalam	Accepted Pozhudu shall be replaced with Perum pozhudu/Kaalam



**3. TITLE: *Hemidesmus indicus* (L.) R. Br - Root for use in Traditional Medicine – Specification\_P-Draft****Last Date of Comments: 03.02.2024**

Sl. No.	Commenter Details	Clause/Sub-clause/ Para/ Table/ Fig. No. commented	Type of Comments (General/ Editorial/ Technical)	Justification	Proposed change	Observations of BIS Secretariat
1.	Dr. S. Chitra / CSMCARI, Chennai	Doc No: AYD 05 (24706) January 2024 / Page Nos from 9 - 28	General	The word ' <i>pH</i> ' needs to be corrected in the Page No mentioned in column 2.	The word pH, 'p' should be in non-italics.	Accepted and changes shall be made in the document.
2.	Dr. R. Ilavarasan, / CSMCARI, Chennai	3.1	Editorial	For more precise authentication  Ref:  1. Quality standards of Indian medicinal plants, ICMR, New Delhi, Vol 2, pg. 119-128  2. Anonymous. The Indian Pharmacopoeia. Indian Pharmacopoeia Commission, Ghaziabad, Govt. of India, MOHFW 2022; Volume III: pg 4169	Detailed Macroscopy, microscopy and powder microscopy with pictorial illustrations can be included.	As suggested by Ayush Division Council, the draft is prepared by referring the Pharmacopeial Publications by PCIMH. Any addition in the pharmacopeia will be included in the subsequent revisions of this Indian standard.

3.	Dr. R. Ilavarasan, / CSMCARI, Chennai	3	Editorial	<p>For more authenticity and to avoid adulteration. Since, this plant shared its similarity and often adulterated with four different species of drugs Decalepis hamiltonii, Ichnocarpus frutescens, Crytolepis buchananii and Vallaris solanacea</p> <p>*Reference: Review of Indian Medicinal plants, Medicinal Plant Division, Indian Council of Medical Research, New Delhi 2013; Volume 12: pg. 299</p>	Hence, Plant DNA barcoding data can be included to identify the correct species. *	Same as 2 above
4.	Dr. R. Ilavarasan, / CSMCARI, Chennai	3	Editorial	To confirm the identity of the genuine drug	<p>I. As per pharmacognostic characters, pith is absent in Hemidesmus indicus and I.frutescens ; present D. hamiltonii and C. buchananii.</p> <p>II. Chemical Identification test for the roots can be included.</p> <p>1. Root powder is treated with dilute solution of ammonia which gives yellow brown colour indicates Hemidesmus indicus, Chocolate brown indicates I. frutescens, Dirty green indicates C. buchananii, Distinct yellow indicates V. solanacea</p>	Same as 2 above

					<p>2. Powder under UV fluorescent light shows yellow colour indicates <i>Hemidesmus indicus</i>  dark brown indicates <i>D. hamiltonii</i>  brown indicates <i>I. frutescens</i>  green indicates <i>C. buchananii</i>  white indicates <i>V. Solanacea*</i>  Reference:  Review of Indian Medicinal plants, Medicinal Plant Division, Indian Council of Medical Research, New Delhi 2013; Volume 12: pg. 299</p>	
5.	Dr. R. Ilavarasan, / CSMCARI, Chennai	4.3	Editorial	To validate the stability data of the botanical	<p>i. Best before date  ii. QR code for Authentication can be included at label</p>	Same as 2 above
6.	Dr. R. Ilavarasan, / CSMCARI, Chennai	3	Editorial	To validate its quality of the botanical	<p>HPTLC and GC/HPLC quantification with markers like isovanillin (contains not less than 0.02% w/w on dried form), Vanillin, Lupeol has to be analysed.  References:  1. Quality standards of Indian medicinal plants, ICMR,</p>	Same as 2 above



					New Delhi, Vol 2, pg. 254. 2. Anonymous. The Indian Pharmacopoeia . Indian Pharmacopoeia Commission, Ghaziabad, Govt. of India, MOHFW 2022; Volume III: pg 4169	
7.	Monika. N, CSMCARI, Chennai	3.1	Editorial	For more precise authentication	Detailed Macroscopy, microscopy and powder microscopy with pictorial illustrations can be included. Ref:  1. Quality standards of Indian medicinal plants, ICMR, New Delhi, Vol 2, pg. 119-128 2. Anonymous. The Indian Pharmacopoeia. Indian Pharmacopoeia Commission, Ghaziabad, Govt. of India, MOHFW 2022; Volume III: pg 4169	Same as 2 above
8.	Monika. N, CSMCARI, Chennai	3	Editorial	Since, this plant shared its similarity and often adulterated with four different species of drugs Decalepis hamiltonii, Ichnocarpus frutescens, Crytolepis buchananii and Vallaris solanacea. *Reference: Review of Indian Medicinal plants, Medicinal Plant Division, Indian Council of Medical Research, New Delhi 2013; Volume 12: pg. 299	Hence, Plant DNA barcoding data can be included to identify the correct species.	Same as 2 above

9.	Monika. N, CSMCARI, Chennai	3	Editorial	Under the common name of Sariva, four species of plant were available in the market.	<p>As per pharmacognostic characters, distinguished characters of Hemidesmus indicus and I.frutescens, D. hamiltonii and C. buchananii were given in the attachment.</p> <p>Chemical Identification test for the roots can be included. Root powder is treated with dilute solution of ammonia which gives</p> <ul style="list-style-type: none"> <li>i. yellow brown colour indicates Hemidesmus indicus,</li> <li>ii. Chocolate brown indicates I. frutescens,</li> <li>iii. Dirty green indicates C. buchananii,</li> <li>iv. Distinct yellow indicates V. solanacea</li> </ul> <p>Powder under UV fluorescent light shows yellow colour indicates Hemidesmus indicus dark brown indicates D. hamiltonii brown indicates I. frutescens green indicates C. buchananii white indicates V. Solanacea*</p> <p>*Reference:</p>	Partially Accepted and names of the plants shall be included in the draft document.
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					Review of Indian Medicinal plants, Medicinal Plant Division, Indian Council of Medical Research, New Delhi 2013; Volume 12: pg. 299	
10.	Monika. N, CSMCARI, Chennai	4.3	Editorial	To validate the stability /shelf life of the botanical	i. Best before date ii. QR code for Authentication can be included at marking	Same as 2 above
11.	Monika. N, CSMCARI, Chennai	3	Editorial	To confirm the identity and quality of the botanical	HPTLC and GC/HPLC quantification of markers like isovanillin (contains not less than 0.02% w/w on a dried basis), Vanillin and Lupeol have to be analysed. 1. Quality standards of Indian medicinal plants, ICMR, New Delhi, 2005; Vol 2: pg. 119-128. 2. Anonymous. The Indian Pharmacopoeia . Indian Pharmacopoeia Commission, Ghaziabad, Govt. of India, MOHFW 2022; Volume III: pg 4169	Same as 2 above