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| **(PETROLEUM, COAL & RELATED PRODUCTS DEPTT.)** | |
| MINUTES | | |
| **35th Meeting of Cosmetics Sectional Committee, PCD 19**  **in Joint session with**  **Raw Materials and GRAS List Sub-Committee, PCD 19:1**  **Hair Care Products Sub-Committee, PCD 19:2**  **Skin Care Products Sub-Committee, PCD 19:3**  **Decorative and miscellaneous Products Sub-Committee, PCD 19:4** | | |
| **Day, Date & Time** | | **Thursday, 24 February 2022, 11:30 h** |
| **VENUE** | | **Bureau of Indian Standards, Manak Bhavan,**  **9 Bahadur Shah Zafar Marg,**  **New Delhi – 110 002.** |
| **CHAIRMAN** | | **Dr. V. G. Somani, Drugs Controller General (India)** |
| **MEMBER SECRETARY** | | Sourav Mondal, Scientist B, PCD, BIS  E-mail: pcd19@bis.gov.in |

List of Participants of the 35th Meeting of PCD19 is given at **ANNEX I** of the Minutes.

**Item 1 OPENING OF THE MEETING**

**1.1** **Welcome Address by Bureau of Indian Standards**

On behalf of BIS, Smt. Nagamani T, Sc.E & Head, PCD welcomed Dr. V. G. Somani, Drugs Controller General (India), the Chairman of PCD 19 Cosmetics committee and the members to this meeting. She requested the members to actively participate in the discussions and deliberate on the subjects. She requested the members to take up revision of standards published prior to 2000 on priority as the same are very old and they have to be revised taking in to account the latest developments in technology. She hoped that the meeting will be fruitful and with more of technical deliberations on the agenda.

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**1.2** **Opening Remarks by the Chairman**

Dr. V. G. Somani, Drugs Controller General (India),the Chairman of PCD 19 Cosmetics Sectional committee welcomed all the members of the committee, industry representatives, regulatory authorities and representatives from the labs to the 35th meeting of PCD 19. He urged the members to actively participate in all the deliberations of the committee which would help to resolve the issues and also complete the agenda items which have been pending for a long time. He also welcomed the initiative of BIS to revise the Indian standards every five years, particularly those Indian standards which were published before 2000.

**Item 2 CONFIRMATION OF MINUTES OF THIRTY THIRD MEETING OF PCD 19**

The Committee CONSIDERED item 2.1 of the Agenda and CONFIRMED the minutes of 34th meeting of PCD 19 as circulated, including the editorial correction as mentioned by IBHA in the Agenda.

**Item 3 THE PRESENT TITLE, SCOPE AND COMPOSITION OF PCD 19**

The committee NOTED Item 3.1 of the Agenda and after deliberations, the scope of the Committee is modified as follows, including the term “excluding washing and bathing soaps” instead of “soaps” to bring more clarity. The Modified Scope of the committee is as follows :

“*to formulate Indian Standards for terminology, methods of sampling and test, codes of practice and specifications for raw materials for cosmetics and toilet goods (excluding washing and bathing soaps) and for finished products.*”

The committee also NOTED that washing and bathing soaps are under the scope of CHD 25 Sectional Committee, and the committee DECIDED to work in liaison with CHD 25 Sectional Committee.

The Committee NOTED Items 3.2 & 3.3 of the Agenda regarding Composition of the Committee, and Attendance in last three meetings. The Committee DECIDED that the Composition of the committee will be reviewed in its next meeting. The Committee also requested the interested members to send Nomination in the prescribed proforma in order to be a member of the PCD 19 Sectional Committee.

**Item 4 ACTIVITIES OF PCD 19**

**4.1 & 4.2** The Committee CONSIDERED item 4.1 and 4.2 of the agenda and gladly NOTED that during the period March 2021- January 2022, 11 Indian Standards pertaining to the Committee have been published.

**Item 5 ISSUES ARISING OUT OF THE PREVIOUS MEETINGS**

**5.1 IS 4707 (Part 2) : 2017 Classification of cosmetic raw materials and adjuncts: Part 2 List of raw materials generally not recognized as safe for use in cosmetics (Fourth Revision)**

The Committee CONSIDERED Item 1, Sl No. 5 of the Agenda and DECIDED as given in Items No. 6.3, 6.4, & 6.5 below.

**5.2 IS 14648:2011 Microbiological examination of cosmetics and cosmetic raw materials — Methods of test (*second revision*)**

The Committee CONSIDERED Item 2, Sl No. 5 of the Agenda and DECIDED to issue the Draft received from Ms. Rupinder Rawat, Godrej Consumer Products Ltd., into Wide Circulation for a period of 2 months.

**5.3 An indigenous standard on Labelling and Claims for the natural and organic cosmetics (Part 3 in this series)**

The Committee CONSIDERED Item 3, Sl No. 5 of the Agenda and DECIDED to create a Panel under the Convenorship of Dr. Benedict M. Mascarenhas, EnvisBE Solutions. The Composition of the Panel is as follows :

1. Dr. Benedict M. Mascarenhas, EnvisBE Solutions (Convenor)
2. Ms. Kajal Anand, AICMA
3. Sh. Sukumaran D, Himalaya Wellness Company
4. Dr. T Kumar, Cavinkare
5. Dr. Manas V. Vyas, Colgate Palmolive
6. Ms. Veena Balgi, Loreal India
7. Dr. Renuka Thergaonkar, ISCC

The Committee REQUESTED the Panel to provide the Draft within 3 months.

**5.4**. **IS 4011 : 2018 Methods of Test for Safety Evaluation of Cosmetics (*Third Revision*)**

The Committee CONSIDERED Item 4, Sl No. 5 of the Agenda and DECIDED to work for an additional Annexure C to cover in-silico models, TTC Approach and other Safety Assessment Workflow Methodologies, as proposed by the Working Group.

**5.5 Revision of IS 11142 : 2019 HENNA (MEHENDI) POWDER — SPECIFICATION (*Second Revision*)**

The Committee CONSIDERED Item 5, Sl No. 5 of the Agenda and the DECIDED as given in Item 6.2 below **.**

**5.6. New Work Item proposal- Indian Standard on Organic Gulal**

The Committee CONSIDERED Item 6, Sl No. 5 of the agenda and DECIDED to drop the Subject for formulation of Indian Standard on Organic Gulal as all the members opined that Gulal does not come under the scope of PCD 19 Committee. Members also stated that it is not a Cosmetics or Personal Care item, and is not a regularly used product. The Committee also NOTED that the members could not identify any major manufacturers of gulal also.

**5.7 New Work Item Proposals (NWIPs) for Face Wash (Detergent & Soap Base), Shower Gel, Calamine Containing Products etc.**

The Committee CONSIDERED Item 7, Sl No. 5 of the Agenda and DECIDED to issue the documents received from Cavinkare, as P-Drafts for a period of 2 months.

**5.8 Revision of IS 7669 : 1990 Shampoo, soap based – Specification (*first revision*)**

The Committee CONSIDERED Item 3, Sl No. 5 of the Agenda and REQUESTED Dr. T Kumar, Cavinkare, to expedite the submission of Study Report and draft revision on the subject.

**5.9 Revision of IS 15205 – Oxidation Hair Dyes (Emulsion Type) - Specification (*first revision*)**

The Committee CONSIDERED Item 9, Sl No. 5 of the Agenda and DECIDED as given in Item 6.1 below **.**

**5.10 Revision of IS 7884 – Shampoo Specification (*second revision*)**

The Committee CONSIDERED Item 10, Sl No. 5 of the Agenda and DECIDED to re-circulate the Draft submitted by Ms. Vrinda Rajwade, for one month period, since the test method for SLES has been included in the draft received. Since the document no. is very old, it is decided to drop the document and issue the revised draft as a New WC Draft with a New Document Number.

**5.11 Inclusion of Testing Method to detect the presence of Formaldehyde in Hair Shampoo for Babies IS 17117 : 2019**

The Committee CONSIDERED Item 11, Sl No.5 of the Agenda and members from CDSCO brought to the notice of the Committee that concerns have been raised by various agencies including National Commission for Protection of Child Rights (NCPCR) for availability of such detailed test method to ensure quality of the products. Therefore the Committee DECIDED to create a Panel for inclusion of Test Method for the detection of Formaldehyde or Formaldehyde releasing agents in the Draft Revision of IS 17117:2019 – Hair Shampoo for Babies. The Composition of the Panel is as follows :

1. Ms. Vrinda Rajwade, HUL
2. Mr. Dilip Tripathi, J&J
3. Dr. T Kumar, Cavinkare

The Panel was requested to provide the Draft Test Method, at an early date.

**5.12 Inclusion of Type 3 in IS 3959 : 2004 - Skin Powder**

The Committee CONSIDERED Item 12, Sl No. 5 of the Agenda and AGREED to the received comments from CDTL Mumbai. The Committee DECIDED to issue the draft received from J Venkatesh, Emami, into Wide Circulation for a period of 2 months, incorporating the comments from CDTL Mumbai.

**5.13 IS 14649 : 1999 Sindoor – Specification**

The Committee CONSIDERED Item 13, Sl No. 5 of the Agenda and REQUESTED BIS Secretariat to send a reminder to CDTL Chennai for the submission of reports on payoff test of the Sindoor sticks.

**5.14 Document No.: PCD 19 (14703) C** ‘**External Tooth Whitening / Bleaching Products – Specification**

The Committee NOTED Item 14, Sl No. 5 of the Agenda that a Panel under the convenorship of Shri Narender Ahooja, was created to look into whether the product ‘External Tooth Whitening / Bleaching Products’ pertains to the category of Drugs and not Cosmetics. The Committee NOTED that Shri Narender Ahooja has superannuated from his services. The Committee REQUESTED BIS Secretariat to contact Shri Narender Ahooja if he wants to continue the Convenorship of the Panel under Personal Capacity. If Shri. Narender Ahooja don’t want to continue as the Convenor of the Panel, any representative from FDA Haryana can be contacted.

**5.15. Document No.: PCD 19 (14704) C ‘Oral Rinses- Specification**

The Committee CONSIDERED Item 15, Sl No. 5 of the Agenda and Shri Dilip Tripathi from J&J proposed not to label the Alcohol Content, as it is a proprietary information of the organization. After long discussions the Committee AGREED and DECIDED to issue the draft provided by J&J into Wide Circulation, incorporating the comments from CDTL Mumbai, labelling the Alcohol Content. Since the document no. is very old, it is decided to drop the document and issue the revised draft as a New WC Draft with a New Document Number.

**5.16** **IS 17117 : 2019 Hair Shampoo for Babies – Specification**

The Committee CONSIDERED Item 5, Sl No.16 of the Agenda and NOTED that HUL has submitted a Document for inclusion of an Alternate Test Method to estimate of milder surfactants (Glycinates and Betaines) in the form of a Draft Amendment. The Committee DECIDED to create a Panel for inclusion of Test Method for the detection of Formaldehyde or Formaldehyde releasing agents in the Draft Revision of IS 17117:2019 – Hair Shampoo for Babies. The Composition of the Panel is as follows :

1. Ms. Vrinda Rajwade, HUL
2. Mr. Dilip Tripathi, J&J
3. Dr. T Kumar, Cavinkare

**5.17 Document No. PCD/19/15096: Sunscreen Cosmetic Products Specification**

The Committee CONSIDERED Item 5, Sl No.17 of the Agenda and after long discussions the Committee RECOMMENDED to seek clarification from ISO whether the Average ITA Angle can be extended to suit Indian Skintine regarding the test method as prescribed in the IS 17494 : 2020/ISO 24444 : 2019 Cosmetics ─Sun Protection Test Methods ─ In vivo Determination of Sun Protective Factor (SPF).

**5.18 Document No. PCD/19/15513 Skin Lotion Specification**

The Committee CONSIDERED Item 13, Sl No. 5 of the Agenda and REQUESTED BIS Secretariat to send a reminder to CDTL Chennai for the submission of reports on validation results of the spin test for skin lotion.

**5.19 Document No. PCD/19/15268 Skin Gel Specification**

The Committee CONSIDERED Item 19, Sl No. 5 of the Agenda and AGREED to the comments from Ms. Renuka Thergaonkar. The Committee DECIDED to include the modifications and issue the revised draft into Wide Circulation for a period of 2 months, excluding the Thermal Stability Test.

Ms. Nagamani T, Head, PCD informed the committee that the Indian Standards need to be prepared within timelines and requested the members to send comments within the period of wide circulation as well as resolve the comments in the next meeting of the committee, so as to abide to the timeline.

**ITEM 6 DRAFT STANDARDS/AMENDMENTS FOR FINALIZATION**

**6.1 Doc No.: PCD 19 (12582) C Oxidation hair dyes (emulsion type) –Specification (*First revision* of IS 15205)**

The Committee CONSIDERED Item 6.1 of the Agenda and after detailed deliberations on the comments received, DECIDED as follows:

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| **Sl.**  **No.** | **Clause/Subcla-use/para/ table/fig. No. commented** | **Commentator/**  **Organization/**  **Abbreviation** | **Type of Comments**  **(General/Editorial / Technical)** | **Justification** | **Proposed change** | **Committee’s Decision** |
|  | 2. References | Dr. Ankita Pandey | Editorial | The proposed standard “IS 15205: Oxidation hair dyes (emulsion type) – Specification” refers to the standard “IS 4011: 1997: Methods of test for safety evaluation of cosmetics (second revision),” which is an old standard and still includes some tests on animals. Please make reference to the updated version, “IS 4011: 2018: Methods of test for safety evaluation of cosmetics (third revision),” in the table. | Please make the following changes in the table under 2. References IS 4011: 2018: Methods of test for safety evaluation of cosmetics (third revision) | **AGREED** |
|  | ANNEX B | Sh. Anup chandra | Technical |  | Annex B Add IS 2711 :direct reading pH meter. | To add the clause : “Preferably Glass Electrode or such devices prescribed in IS 2711”. |
|  | ANNEX B | Sh. Anup chandra | Technical |  | Add IS number of all chemicals used | **NOT AGREED**, as Clause 6 “QUALITY OF REAGENTS  Unless specified otherwise, pure chemicals and distilled water [*see* IS 1070:1992 ‘Reagent grade water (*third revision*)’] shall be employed in the tests.  NOTE ― ‘Pure chemicals’ shall mean chemicals that do not contain impurities which affect the result of analysis.” Of the Draft Standard already takes care of the comment. |

A modified draft for IS 15205 and Comments regarding the differences between the circulated draft and the draft provided, have been received from Godrej Consumer Products Limited on 24.02.22. The comments received on the draft are given below :





The Committee REQUESTED Dr. Jayashree Anand, HRIPL and Ms. Rupinder Kar Rawat to discuss the comments received and provide the modified draft for recirculation. The Committee also DECIDED to drop the document and take up the modified draft as a New WC Draft. The modified draft would be issued into wide circulation for a period of two months.

**6.2 Doc No.: PCD 19 (17248) C Henna (Mehendi) Powder – Specification (*Second revision* of IS 11142)**

The Committee CONSIDERED Item 6.2 of the Agenda and after detailed deliberations on the comments received, the DECIDED as follows:

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| **Sl.**  **No.** | **Clause/Subclause/**  **para/table/fig.**  **No. commented** | **Commentator/**  **Organization/**  **Abbreviation** | **Type of Comments**  **(General/Editorial / Technical)** | **Justification** | **Proposed change** | **Committee’s Decision** |
| **1.** | 4.4 | Dr. Jayashree Anand  Hygienic Research Institute | Technical | Test for Extraneous Sand is missing. This will help industries to keeping tab on adulteration like foreign particles / sand etc in Henna Powder | Suggested to put a test for **‘Extraneous Sand’**. This will help us in keeping tab on adulteration as foreign particles / sand etc in Henna Powder | **NOT AGREED**. As ANNEX E[*Clause 4*.3, *Table* 1, *Sl No.* (v)] ‘Determination of acid insoluble ash’ already takes care of. |
| **2.** | FOREWORD | Sh. Anup Chandra | General | PUT  IS : 2  (Revised Version) | Put  IS : 2  (Revised Version)  (Current version is IS 2: 1960) | **AGREED**. |
| 3. | F — 4.3 & G-6 under ANNEX — F & G respectively | Henna Agriculture & Trade Association | Technical | It has been observed that the standard henna leaves are not easily available and hence many times the analysts use non-standard henna powder sample prepared from unauthenthic henna leaves available in the market for the analysis. Because of this use of non standard henna powder being taken for reference, sometimes the test sample of Henna powder shows a variation in the TLC pattern vis-à-vis the non-standard Henna Powder used as reference and gets wrongly reported as `Does not pass the Test'. The quality of henna leaves is based on agroclimatic conditions and varies from location to location. Hence it is recommended to use authentic henna leaves preferably taken from the original plant source and location or respective manufacturer to avoid the sample being erroneously reported as 'Does not pass the Test' due to use of improper reference standard. | Disperse about 3g of Henna powder prepared from authentic Henna leaves (taken from original plant source and location so as to account for the inherent variabilities in plant materials of natural origin) in about 7mL water and make a smooth paste, allow to stand for 4h. Mix 1g of this paste with chloroform into the 10mL flask and make up volume to about 10mL with chloroform then centrifuge at 4000 rpm for about 10 min and use the supernatant liquid (Filter it if suspended particles are observed) for spotting and apply one drop of the extract on the base line of the plate. | NOTED that Clause 4.2 of the Draft Document PCD 19 (17248) C Henna (Mehendi) Powder – Specification (*Second revision* of IS 11142) already takes care of the authenticity of the Henna leaves and  AGREED to include other editorial changes. |

The Committee **FINALIZED** the draft for publication, with the inclusion of above agreed comments.

**6.3. Doc No.: PCD 19(17644) C Classification of cosmetic raw materials and adjuncts – list of raw materials generally not recognized as safe (GNRAS) and restricted ingredients for use in cosmetics – IS 4707 Part 2**

The Committee CONSIDERED Item 6.3 of the Agenda and noted that there are many comments received on the Draft. The committee RECOMMENDED to create a Panel for discussion of the comments received. The Composition of the Panel is as follows :

1. Dr Gurubasavaraja KM ,ITC (Convenor)
2. Ms. Rupinder Rawat, GCPL
3. Ms. Vrinda Rajwade, IBHA and HUL
4. Mr. Yogesh More, Prem Henna
5. Shri Benedict M. Mascarenhas, Envis BE Solutions
6. Dr. Gireesh Kumar, Cavinkare
7. Dr. Jayashree Anand, HRIPL
8. Dr. Kajal Anand, AICMA

The committee also agreed to the proposal of BIS to drop the Document No. and circulate the modified draft into wide circulation as a new document no.

**6.4. Doc No.: PCD 19(17647) C Classification Of Cosmetic Raw Materials And Adjuncts –List of Preservatives Allowed In Cosmetics with Restriction** **– IS 4707 Part 3**

The Committee CONSIDERED Item 6.4 of the Agenda and noted that there are many comments received on the Draft. The committee RECOMMENDED the same Panel created fror discussion of comments on IS 4707 Part 2, to discuss the comments on IS 4707 Part 3. The committee also agreed to the proposal of BIS to drop the Document No. and circulate the modified draft into wide circulation as a new document no.

**6.5. Doc No.: PCD 19(17650) C Classification Of Cosmetic Raw Materials And Adjuncts -List of UV Filters Allowed In Cosmetics With Restriction-IS 4707 Part 4**

The Committee CONSIDERED Item 6.5 of the agenda and discussed the comment received from Ms. Rashmi Naidu and DECIDED that if a chemical is not listed in the part 4, but is proven to have UV filter function in protecting skin, this chemical can be used in cosmetics

The Committee **FINALIZED** the draft for printing, as there are no comments on the document.

**6.6. Doc No.: PCD 19(18269) C Lipstick - Specification (*Second Revision*) Amendment – 1 of IS 9875:2018**

The document no. PCD 19 (18269) C was issued in Wide Circulation vide letter no. PCD 19 (18269) C dated 29/10/2021for soliciting comments. End date for comments was 28/11/2021. The comments have been received from Estée Lauder Companies on the draft are given below:

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| **Sl.**  **No.** | **Clause/Subclause/para/table/fig.No. commented** | **Commentator/**  **Organization/**  **Abbreviation** | **Type of Comments**  **(General/**  **Editorial / Technical)** | **Justification** | **Proposed change** | **Committee Recommendation** |
|  | Clause No. 3.3  Table 1) vii) Pay-Off Test | Estée Lauder Companies | Technical | The evaluation of payoff is a subjective one. The test does not determine quality and safety of the lipsticks. It completely depends on preference of consumer. Heavy pigmented matte lipsticks and satin lipsticks may have different pay-off. Quantitative value does not offer any value as each person would apply lipstick at a different pressure and number of strokes varies from person to person. Putting such value against this parameter restricts innovation. | Hence, we recommend to keep it as previous measuring parameter as “To Pass the test”. Also, we would suggest to make this test as voluntary rather than mandatory. | **NOT AGREED.**  Ms. Geetha Bajaj from Estée Lauder Companies mentioned that the Pay-Off Test is a subjective test and hence should not be quantified. Members from the industry agreed to Ms. Geetha Bajaj and proposed not to quantify the test. |
|  | Clause No. 3.3  Table 1) vii) Pay-Off Test | Sh. Vinay Kumar Singh | Technical | The range given under Requirement of Pay off is not correct and that it should be changed and made as per earlier BIS specification as mentioned below. | The product shall be taken to have passed the test if the pay off is more than 0.0001g/cm2 | **AGREED.**  Sh. Vinay Kumar Singh proposed to quantify the test and the committee REQUESTED Sh. Vinay Kumar Singh to provide the Study Report in support for quantifying the test. |

The Committee REQUESTED Sh. Vinay Kumar Singh to provide the Study Report in support for quantifying the pay-off test. The Committee also DECIDED to drop the document and take up the modified draft as a New WC Draft, after receiving the study report supporting the quantification of the pay-off test.

**ITEM 7 NEW WORK ITEM PROPOSAL**

**7.1 Adoption of ISO 11930:2019 Cosmetics — Microbiology — Evaluation of the antimicrobial protection of a cosmetic product**

The Committee CONSIDERED item 1, Sl No. 7 of the Agenda and NOTED that ISO 11930:2019 Cosmetics — Microbiology — Evaluation of the antimicrobial protection of a cosmetic product has already been circulated with the Agenda to all the committee members. Members were requested to verify the standard and their comments if received, to be discussed in the next meeting of the committee.



**7.2 Adoption of ISO 22716:2007 – Good Manufacturing Practices for Cosmetics**

The Committee CONSIDERED item 2, Sl No. 7 of the Agenda and in this regard CDSCO stated that the Good Manufacturing Practices are already incorporated in the Cosmetic Rules 2020, and there would be a Duplicacy if this ISO Standard is adopted. The Committee agreed to the observations of CDSCO and DECIDED not to adopt the standard.

**7.3 New Work Item Proposal for Chemical Peels and Hair Serums**

The Committee CONSIDERED item 3, Sl No. 7 of the Agenda and DECIDED that the safety standards are already existing and that should be followed. Members also felt the need for creation of horizontal standards after doing a GAP Analysis. The Chairman proposed to have a specific agenda point for creation of horizontal standards.

**ITEM 8 COMMENTS ON STANDARDS**

**8.1 IS 6356 : 2021 – TOOTHPASTE SPECIFICATION**

The following comments have been received from Dr Hemalatha Purushothaman Panicker, from CFTRI and Colgate-Palmolive (India) Ltd.

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| **Sl.**  **No.** | **Clause/Subclause/**  **para/table/fig.**  **No. commented** | **Commentator/**  **Organization/**  **Abbreviation** | **Type of Comments**  **(General/Editorial / Technical)** | **Justification** | **Proposed change** | **Committee’s Decision** |
| **1.** | E-3, Annex E of IS | Hemalatha Purushothaman Panicker | Editorial | There seems to be a repeatability in wordings which is giving a different meaning to the sentence. | Carry out the test as prescribed in IS 2088, adding into the Gutzeit bottle, 2 ml of ferric ammonium sulphate solution, 0.5 ml of stannous chloride solution and 25 ml of sample solution as prepared in D-4.1.Hence, we recommend to keep it as previous measuring parameter as “To Pass the test”. Also, we would suggest to make this test as voluntary rather than mandatory. | AGREED for the editorial correction.  NOT AGREED to pass the test. |
| **2.** | 5.3 Stability  The toothpaste shall not show any physical sign of deterioration during normal conditions of storage and use. When subjected to a temperature of  45±2 °C for a period of 28 days the toothpaste shall meet the requirements of the standard. When cooled to a temperature of 5 °C for 1hour, after taking out and pressing tube, the paste shall be found extrudable from the tube and meet the requirement of this standard. It is not advisable to keep the toothpaste tube without the cap. If left open for a long duration, the toothpaste might lose moisture on account of evaporation and harden. | Colgate-Palmolive (India) Ltd. | Editorial | Extrudability of toothpaste is covered in “Clause 5.2 Dispensing” of this standard as follows: “The paste shall extrude from the collapsible tube or any other suitable container in which it is packed, at 27±2 °C in the form of continuous mass with the application of normal force, without the application of excessive force which would cause injury to the tube or the container. It shall be possible to extrude bulk of the  contents from the container or the tube starting from the crimped end of the tube by rolling the tube gradually.”  However, extrudability is again referred to in clause 5.3 which pertains to stability.  This is likely to cause confusion and lead to unclarity as to which clause needs to be referred to for extrudability. Hence, this editorial change is being proposed for the purpose of clarity. | 5.3 Stability  The toothpaste shall not show any physical sign of deterioration during normal conditions of storage and use. When subjected to a temperature of 45±2 °C for a period of 28 days the toothpaste shall meet the requirements of the standard. When cooled to a temperature of 5 °C for 1 hour, after taking out and pressing tube the paste shall be found extrudable from the tube as per clause 5.2 and meet the requirement of this standard. It is not advisable to keep the toothpaste tube without the cap. If left open for a long duration, the toothpaste might lose moisture on account of evaporation and harden. | AGREED. |

The Committee DECIDED to issue the Amendment including the above modifications, into Wide Circulation for a period of 2 months.

**8.2 IS 17318 : 2020 — Henna (MEHENDI) Paste in Shape of Cone & other Allied Packaging – Specificaiton**

The following comments have been received from Henna Agriculture & Trade Association.

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| **Sl.**  **No.** | **Clause/Subclause/**  **para/table/fig.**  **No. commented** | **Commentator/**  **Organization/**  **Abbreviation** | **Type of Comments**  **(General/Editorial / Technical)** | **Justification** | **Proposed change** | **Committee’s Decision** |
| **1** | E— 4.4 under ANNEX — E | Henna Agriculture & Trade Association | Technical | It has been observed that the standard henna leaves are not easily available and hence many times the analysts use non-standard henna powder sample prepared from unauthenthic henna leaves available in the market for the analysis. Because of this use of non standard henna powder being taken for reference, sometimes the test sample of Henna powder shows a variation in the TLC pattern vis-a-vis the non-standard Henna Powder used as reference and gets wrongly reported as `Does not pass the Test'. The quality of henna leaves is based on agroclimatic conditions and varies from location to location. Hence it is recommended to use authentic henna leaves preferably taken from the original plant source and location or respective manufacturer to avoid the sample being erroneously reported as 'Does not pass the Test' due to use of improper reference standard. | Disperse about 3g of Henna powder prepared from authentic Henna leaves (taken from original plant source and location so as to account for the inherent variabilities in plant materials of natural origin) in about 7mL water and make a smooth paste, allow to stand for 4h. Mix 1g of this paste with chloroform into the 10mL flask and make up volume to about 10mL with chloroform then centrifuge at 4000 rpm for about 10 min and use the supernatant liquid (Filter it if suspended particles are observed) for spotting and apply one drop of the extract on the base line of the plate. | NOTED that Clause 4.2 of the Draft Document PCD 19 (17248) C Henna (Mehendi) Powder – Specification (*Second revision* of IS 11142) already takes care of the authenticity of the Henna leaves and  AGREED to include other editorial changes. |
| **2** | **Section E.6.2,** under Annex E | Henna Agriculture & Trade Association | Technical | 1.During test procedure, reference solution of preservatives being used in  the henna paste is prepared and applied on the chromatograms which give the spots on it. But since it is not clearly mentioned in section E.6.2, there is possibility that the spot due to preservative on the chromatogram may be considered (misunderstood) as possible extraneous dye and chances of sample being erroneously failed in the said test.  **Additional Related Points to be covered under E.3.10:**   1. Additionally, in existing section E.6.2, binding agent is mentioned, however   during the procedure, preparation of reference solution for binding agent is not given. Hence it is recommended to provide the following information in the procedure for the preparation of binding agent in this test as follows;  **E.3.10 Binding agents** — Sodium CMC, Xanthan Gum, Guar gum or any other binding agents declared on the label matter by the manufacturer. | Any other dye spots on the chromatogram other than lawsone, chlorophyll, binding agents, essential oils and other preservatives indicates presence of possible extraneous dyes. In case, unknown spots from suspected chemical dyes are observed, further testing is done by applying the standards of suspected synthetic dyes and check for matching Rf values and spot characteristics. | AGREED. |
| **3** | **F-6 under ANNEX — F** | Henna Agriculture & Trade Association | Technical | Aligning of the procedure for the preparation of Henna powder reference sample with the procedure given in section G-6 under Annex G of IS standard 11142 : 2019 of Henna powder.  Because dry Henna powder when mixed with Chloroform does not give lawsone spot on the TLC Plate, whereas when it is soaked in water for 4 hrs and then mixed with chloroform, it gives distinct spot of lawsone (an inherent component of henna leaves) on the TLC Plates.  Hence it is requested to please align the said procedure with that of section G-6 under Annex G of IS standard 11142: 2019 of Henna powder. | Disperse about 3g of Henna powder prepared from authentic Henna leaves (taken from original plant source and location so as to account for the inherent variabilities in plant materials of natural origin) in about 7mL water and make a smooth paste, allow to stand for 4h. Mix 1g of this paste with chloroform into the 10mL flask and make up volume to about 10mL with chloroform then centrifuge at 4000 rpm for about 10 min and use the supernatant liquid (Filter it if suspended particles are observed) for spotting and apply 5 p1 to 10 pl of the extract on the base line of the plate. | NOTED that Clause 4.2 of the Draft Document PCD 19 (17248) C Henna (Mehendi) Powder – Specification (*Second revision* of IS 11142) already takes care of the authenticity of the Henna leaves and  AGREED to include other editorial changes. |

The Committee DECIDED to issue the Amendment into Wide Circulation for 2 months.

**8.3 Withdrawal of IS 10301:1982 Specification for Isopropyl Alcohol for Cosmetic Industry**

The Committee CONSIDERED item 3, Sl No. 8 of the Agenda and Members observed that Isopropyl Alcohol with the purity of 95%, as given in IS 10301 : 1982, is commonly used by Cosmetics Industry and hence decided to retain both the standards. It was decided that IS 10301 : 1982 would be revised incorporating both the purity grades of 95%  and 99.8% and the committee will then request PCD 9 to remove the word "cosmetics" from the scope of IS 2631 : 2020

**ITEM 9 REVIEW/REAFFIRMATION OF INDIAN STANDARDS**

**9.1 Review/Reaffirmation of pre-2017 Standards**

The Committee CONSIDERED item 1, Sl No. 9 of the agenda and the Committee DECIDED to REAFFIRM all the 22 standards.

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| --- | --- | --- | --- | --- |
| Sl no. | IS Number | Title of the Indian Standard | Current Status | Committee’s Decision |
| 1 | [IS 918 : 1985](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=MTY0ODQ%3D) | Specification for calcium carbonate, precipitated for cosmetic industry (Second Revision) | Working Group for Revision of ISs published has allocated to revise this standard to HUL | REAFFIRMED |
| 2 | [IS 1767 : 1980](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=ODE3Ng%3D%3D) | Specification for dicalcium phosphate for dentifrice (Second Revision) | Working Group for Revision of ISs published has allocated to revise this standard to J&J | REAFFIRMED |
| 3 | [IS 3987 : 2006](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=MTA1OTg%3D) | Sorbitol solution (70 Percent) for cosmetic industry - Specification (Third Revision) | Working Group for Revision of ISs published has allocated to revise this standard to CDL Kolkata | REAFFIRMED |
| 4 | [IS 4028 : 1992](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=MTA2NTk%3D) | Beeswax, bleached for cosmetic industry - Specification (Third Revision) | Working Group for Revision of ISs published has allocated to revise this standard to Sh Vinay Kr Singh | REAFFIRMED |
| 5 | IS 4707 (Part 2) : 2017 | Classification of Cosmetic Raw  Materials and Adjuncts  Part 2 List of Raw Materials Generally not Recognized as  Safe for Use in Cosmetics  *(Fourth Revision)* |  | REAFFIRMED |
| 6 | [IS 4887 : 1980](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=MTE2MTA%3D) | Specification for petroleum jelly for cosmetic industry (First Revision) | Working Group for Revision of ISs published has allocated to revise this standard to IBHA | REAFFIRMED |
| 7 | [IS 7679 : 1978](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=MTQ2NzA%3D) | Specificaitons for hair creams (First Revision) | Working Group for Revision of ISs published has allocated to revise this standard to Smt. Premlata sinha,BIS/ Godrej / HRI | REAFFIRMED |
| 8 | [IS 9601 : 1980](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=MTcwMDA%3D) | Specification for sodium silicate for cosmetic industry | Working Group for Revision of ISs published has allocated to revise this standard to HUL | REAFFIRMED |
| 9 | [IS 9681 : 1980](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=MTcwODc%3D) | Specification for stearic acid for cosmetic industry | Working Group for Revision of ISs published has allocated to revise this standard to Loreal | REAFFIRMED |
| 10 | [IS 9832 : 2002](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=MTcyNTk%3D) | Cosmetic pencils - Specification (First Revision) | Working Group for Revision of ISs published has allocated to revise this standard to Sh.Vinay Kr. Singh / Loreal | REAFFIRMED |
| 11 | [IS 10283 : 1982](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=MTEwMw%3D%3D) | Specification for ethyl acetate for cosmetic industry | Working Group for Revision of ISs published has allocated to revise this standard to ITC | REAFFIRMED |
| 12 | [IS 11377 : 2001](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=MjQ2NA%3D%3D) | Guidelines for hygienic manufacture of cosmetics (First Revision) | Working Group for Revision of ISs published has allocated to revise this standard to IBHA | REAFFIRMED |
| 13 | [IS 11470 : 1985](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=MjU3OA%3D%3D) | Specification for coconut oil for cosmetic industry | Working Group for Revision of ISs published has allocated to revise this standard to Emami | REAFFIRMED |
| 14 | [IS 11487 : 1985](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=MjU5Nw%3D%3D) | Specification for sodium lauryl ether sulphate for cosmetic industry | Working Group for Revision of ISs published has allocated to revise this standard to Loreal | REAFFIRMED |
| 15 | [IS 15152 : 2002](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=NzE4OA%3D%3D) | Cold wax hair remover - Specification | Working Group for Revision of ISs published has allocated to revise this standard to Sh Vinay Kr. Singh | REAFFIRMED |
| 16 | [IS 15153 : 2002](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=NzE4OQ%3D%3D) | Face pack - Specification | Working Group for Revision of ISs published has allocated to revise this standard to Sh Vinay Kr. Singh | REAFFIRMED |
| 17 | [IS 15154 : 2002](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=NzE5MA%3D%3D) | Kajal - Specification | Working Group for Revision of ISs published has allocated to revise this standard to Sh.Vinay Kr. Singh / Loreal | REAFFIRMED |
| 18 | [IS 15735 : 2006](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=NzkyNw%3D%3D) | Herbal cosmetics - General guidelines | Working Group for Revision of ISs published has allocated to revise this standard to Emami | REAFFIRMED |
| 19 | IS 4653 : 2018 | Methyl - P - Hydroxybenzoate  methyl paraben for cosmetic  industry - Specification (Third  Revision) | Due for reaffirmation | REAFFIRMED |
| 20 | IS 4011 : 2018 | Methods of test for safety  evaluation of cosmetics (Third  Revision) | Due for reaffirmation | REAFFIRMED |
| 21 | IS 9740 : 2018 | Shaving cream - Specification (First Revision) | Due for reaffirmation | REAFFIRMED |
| 22 | IS 16913 : 2018 | Methods of test for cosmetics -  Determination of heavy metals  Arsenic Cadmium Lead And  Mercury by atomic absorption  spectrometry AAS | Due for reaffirmation | REAFFIRMED |

**9.2 Revision of Indian Standards**

The Committee CONSIDERED item 2, Sl No. 9 of the agenda and REQUESTED the Working Group to discuss the comments on IS 10284 : 1982 Specification for lipsalve and analyse the draft revision of IS 10377 : 1982 Specification for para – Phenylenediamine, provided by Ms. Rupinder Rawat, Godrej Consumer Products Ltd. The Committee also REQUESTED to meet the Working Group shortly and finalize these 2 documents, so that they can be issued into Wide Circulation for 2 months.



**ITEM 10 ANY OTHER BUSINESS**

The Committee NOTED Item 10 of the Agenda about the Webinar on “India Looking Good : Safe & Quality Cosmetics”.

**ITEM 11 DATE AND PLACE FOR THE NEXT MEETING**

It was informed by Head, PCD that BIS management has decided that the committee meetings will be conducted once in 3 months. The date and venue for the next meeting will be decided in consultation with the Chairman.

**ITEM 12 VOTE OF THANKS**

The Meeting ended with a hearty vote of thanks to Chairman and all the members of PCD 19 committee attending the meeting.

**Annex I – 35th Meeting Attendance 24.02.2022 PCD 19**

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| --- | --- | --- | --- | --- |
| **35th Meeting Attendance 24.02.2022 PCD 19** | | | | |
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