

**Number and Title of the Indian Standard:** Doc No. PCD 19 (12581)F/ IS 10350 : 2019 'Powder hair dyes — specification (third revision)'

a) **Scope: 1.1** This standard prescribes the requirements and methods of sampling and test for powder hair dyes.

b)

**b) Salient features of content:**

This standard covers the requirements for powder hair dyes/colours, which contain synthetic dye ingredients. A powder hair dye may contain an arylamine, for example, *p*-phenylenediamine (PPD) or its analogue, salt or related compound or direct synthetic colour as the active ingredient and solid peroxide as the oxidizing agent. Powder hair dyes containing only direct dyes may not contain oxidizing agent.

As per the standard, all ingredients of the powder hair dyes shall comply with the provisions of IS 4707 (Part 1) 'Classification of cosmetic raw materials and adjuncts: Part 1 Colourants' and IS 4707 (Part 2) 'Classification of cosmetic raw materials and adjuncts: Part 2 List of raw materials generally not recognized as safe for use in cosmetics' subject to the provisions of *The Drugs and Cosmetics Act* and Rules framed there under. This standard also prescribes sampling, packing and marking clauses for the product.

In this revision, following major changes have been carried out:

- i) A new type of powder hair dyes, namely, Type 3 (Others) has been included to provide flexibility to the manufacturers to introduce new shades which could be formulated with nil or significantly lower levels of PPD and/or using other permissible dye intermediates.
- ii) The marking clause has been harmonized with Rule 148 of the Drugs and Cosmetics Rules, 1945.
- iii) In the marking clause, cautions/warnings related to PPD content in the product have been aligned with IS 4707 (Part 2). Further, 12 local languages for primary patch test instructions have been listed [5.3.2(d)].
- iv) A new method for estimation of PPD content in salt form (Annex C) has been incorporated.
- v) HPLC method for estimation of PPD (Annex D) has been incorporated as alternate method.
- vi) A new Annex E for estimation of picramic acid by HPLC method has been incorporated.

**c) Types/grades/classes, if any covered in the standard:**

There shall be three types of the powder hair dyes, namely,

- a) Type 1 Black;
- b) Type 2 Brown; and
- c) Type 3 Others (covering entire range of fashion hair colours like black, brown, red, blonde, purple etc.).

**d) Disclaimer (to be automatically provided by the program/software)**