

## BUREAU OF INDIAN STANDARDS

### Program of Work

#### PCD 18 : Fragrance and Flavour

**Scope:** To formulate Indian Standards for terminology, methods of sampling and test, codes of practices and specifications for fragrance and flavouring ingredients.

**Liaison:** **ISO TC-54 (P): Essential oils**

### Published Standards

| S.No | IS No.  | TITLE  | Reaffirm M-Y   | No. of Amds | Eqv.                           |
|------|---|--|----------------|-------------|--------------------------------|
| 1    | IS 1049 : 1962<br><i>Reviewed In : 2023</i>   | Specification for Alcohol, Perfumery Grade   | July, 2023     | 1           | Indigenous                     |
| 2    | IS 1177 : 2022  | OIL OF VETIVER CULTIVATED AND KHUS SPECIFICATION   |                | -           | Indigenous                     |
| 3    | IS 11909 : 2019<br>ISO 3140 : 2011<br><i>Reviewed In : 2023</i><br><i>ISO 3140:2011</i>     | Oil of sweet orange [citrus sinensis (L.) osbeck], obtained by physical extraction of the peel (First Revision)                  | December, 2023 | -           | Identical under dual numbering |
| 4    | IS 11910 : 2018<br>ISO 3033-3 : 2005<br><i>Reviewed In : 2022</i><br><i>ISO 3033-3:2005</i> | Specification for spearmint oil (First Revision)   | July, 2022     | -           | Identical under dual numbering |
| 5    | IS 11912 : 1986<br><i>Reviewed In : 2020</i>  | Specification for lime oil, distilled, food grade  | October, 2020  | -           | Indigenous                     |
| 6    | IS 13261 : 1991<br><i>Reviewed In : 2020</i>  | Oil of mentha citrata - Specification  | October, 2020  | -           | Indigenous                     |
| 7    | IS 13358 (Part 1) : 1992<br><i>Reviewed In : 2020</i>                                       | Cultivation of aromatic plantscode of practice: Part 1 geranium  | October, 2020  | -           | Indigenous                     |
| 8    | IS 13358 (Part 2) : 1992<br><i>Reviewed In : 2020</i>                                       | Cultivation of aromatic plantscode of practice: Part 2 lemongrass  | October, 2020  | -           | Indigenous                     |
| 9    | IS 13358 (Part 3) : 1992<br><i>Reviewed In : 2020</i>                                       | Code of practice for cultivation of aromatic plants: Part 3 citronella (Java)  | October, 2020  | -           | Indigenous                     |
| 10   | IS 13358 (Part 4) : 1993<br><i>Reviewed In : 2020</i>                                       | Code of practice for cultivation of aromaticplants: Part 4 menth.4 arvensis (Japanese Mint) and mentha citrata (Bergamot - Mint) | October, 2020  | -           | Indigenous                     |
| 11   | IS 13358 (Part 5) : 1993<br><i>Reviewed In : 2020</i>                                       | Code of practice for cultivaion of aromatic plants fart 5 mentha piperita (Peppermint) and mentha spicata (Spearmint)            | October, 2020  | -           | Indigenous                     |
| 12   | IS 14507 : 2023   | DIPHENYL ETHER SPECIFICATION   |                | -           | Indigenous                     |
| 13   | IS 14508 : 1998<br><i>Reviewed In : 2020</i>  | Oil of jamrosa - Specification   | October, 2020  | -           | Indigenous                     |

|    |   |   |               |   |                                |
|----|---|---|---------------|---|--------------------------------|
| 14 | IS 15068 : 2001<br>Reviewed In : 2022<br>ISO 4733:1981        | Oil of cardamom (Elettaria Cardamomum maton) - Specification                                  | July, 2022    | - | Not Equivalent                 |
| 15 | IS 15069 : 2001<br>Reviewed In : 2022                         | Oil of cuminseed - Specification  | July, 2022    | - | Indigenous                     |
| 16 | IS 15070 : 2020<br>ISO 3061 : 2008<br>ISO 3061:2008           | Oil of Black Pepper — Specification ( First Revision )  | -             | - | Identical under dual numbering |
| 17 | IS 15135 : 2002<br>Reviewed In : 2019                         | Oil of davana - Specification   | April, 2019   | - | Indigenous                     |
| 18 | IS 15136 : 2002<br>Reviewed In : 2019<br>ISO 11043            | Oil of basil, methylchavicol type - Specification   | April, 2019   | - | Not Equivalent                 |
| 19 | IS 15740 : 2007<br>Reviewed In : 2022                         | Oil of rose - Specification   | July, 2022    | - | Indigenous                     |
| 20 | IS 1615 : 1996<br>Reviewed In : 2019                          | Oil of himalayan cedarwood - Specification (Second Revision)                                  | April, 2019   | - | Indigenous                     |
| 21 | IS 16583 : 2017<br>Reviewed In : 2022<br>ISO 9842:2003        | Oil of peppermint, mentha piperita (Indian Type) - Specification                              | July, 2022    | - | Not Equivalent                 |
| 22 | IS 17809 : 2022<br>ISO/TR 21092 : 2004<br>ISO/TR 21092 : 2004 | Essential oils Characterization   |               | - | Identical under dual numbering |
| 23 | IS 1799 : 1981<br>Reviewed In : 2020                          | Specification for citral (First Revision)   | October, 2020 | 2 | Indigenous                     |
| 24 | IS 1800 : 1989<br>Reviewed In : 2020                          | Perfumery material - Geraniol specification (Second Revision)                                 | October, 2020 | - | Indigenous                     |
| 25 | IS 1801 : 2016<br>Reviewed In : 2022                          | Citronellol - Specification (Fourth Revision)   | July, 2022    | - | Indigenous                     |
| 26 | IS 1802 : 2005<br>Reviewed In : 2020                          | Ionone - Specification (Third Revision)   | October, 2020 | - | Indigenous                     |
| 27 | IS 18062 : 2023   | OIL OF TAGETES MINUTA - SPECIFICATION   |               | - | Indigenous                     |
| 28 | IS 18064 : 2022   | OIL OF HOLY BASIL SPECIFICATION   |               | - | Indigenous                     |
| 29 | IS 18250 : 2023   | SYNTHETIC MENTHOL SPECIFICATION   |               | - | Indigenous                     |
| 30 | IS 19012 : 2022   | Nonanol - Specification   |               | - | Indigenous                     |
| 31 | IS 19013 : 2022   | Iso Nonyl Alcohol - Specification   |               | - | Indigenous                     |
| 32 | IS 2284 : 1988<br>Reviewed In : 2019                          | Method for olfactory assessment of natural and synthetic perfumery materials (First Revision) | April, 2019   | - | Indigenous                     |
| 33 | IS 3123 : 2005<br>Reviewed In : 2020                          | Hydroxycitronellal - Specification (Third Revision)   | October, 2020 | - | Indigenous                     |
| 34 | IS 3124 : 2006<br>Reviewed In : 2022                          | Terpineol - Specification (Third Revision)  | July, 2022    | - | Indigenous                     |
| 35 | IS 3134 : 1992<br>Reviewed In : 2020                          | Menthol - Specification (First Revision)  | October, 2020 | 2 | Indigenous                     |
| 36 | IS 3145 : 1986<br>Reviewed In : 2020                          | SpecificatIon for musk xylol (First Revision)   | October, 2020 | - | Indigenous                     |
| 37 | IS 3146 : 1991<br>ISO 3760<br>Reviewed In : 2019              | Oil of celery seed - Specification (First Revision)   | April, 2019   | - | Not Equivalent                 |

|    |   |   |               |   |                                |
|----|---|---|---------------|---|--------------------------------|
|    | ISO 3760:1978   |   |               |   |                                |
| 38 | IS 3147 : 1992<br>Reviewed In : 2019  | Oil of dill seed - Specification (First Revision)   | April, 2019   | 1 | Indigenous                     |
| 39 | IS 3180 : 1984<br>Reviewed In : 2020  | Specification for linalyl acetate (First Revision)  | October, 2020 | - | Indigenous                     |
| 40 | IS 3228 : 1986<br>Reviewed In : 2020  | Specification for musk ketone (First Revision)  | October, 2020 | - | Indigenous                     |
| 41 | IS 3241 : 1985<br>Reviewed In : 2020  | SpecificAtion for geranyl acetate (First Revision)  | October, 2020 | - | Indigenous                     |
| 42 | IS 3250 : 2005<br>Reviewed In : 2020  | Methyl ionone - Specification (Third Revision)  | October, 2020 | - | Indigenous                     |
| 43 | IS 326 (Part 1) :<br>2022   | Methods of sampling and test for natural and synthetic perfumery materials part 1 sampling fourth revision of is 326 part 1   |               | - | Indigenous                     |
| 44 | IS 326 (Part 2) :<br>2023   | Natural and Synthetic Perfumery Materials i½ Methods of Sampling and Test Part 2 Preliminary Examination of Perfumery Materials and Samples ( Third Revision )  |               | - | Indigenous                     |
| 45 | IS 326 (Part 3) :<br>2006<br>ISO 279<br>Reviewed In : 2022<br>ISO 279:1998                | Methods of sampling and test for natural and synthetic perfumery materials: Part 3 determination of relative density (Third Revision)   | July, 2022    | - | Identical under dual numbering |
| 46 | IS 326 (Part 4) :<br>2005<br>ISO592<br>Reviewed In : 2022<br>ISO 592 : 1998               | Methods of sampling and test for natural and synthetic perfumery materials: Part 4 determination of optical rotation (Third Revision)   | July, 2022    | - | Identical under dual numbering |
| 47 | IS 326 (Part 5) :<br>2006<br>ISO 280<br>Reviewed In : 2022<br>ISO 280 : 1998              | Methods of sampling and test for natural and synthetic perfumery materials: Part 5 determination of refractive index (Third Revision)   | July, 2022    | - | Identical under dual numbering |
| 48 | IS 326 (Part 6) :<br>2005<br>ISO 875<br>Reviewed In : 2022<br>ISO 875 :1999               | Methods of sampling and test for natural and synthetic perfumery materials: Part 6 evaluation of miscibility in ethanol (Third Revision)  | July, 2022    | - | Identical under dual numbering |
| 49 | IS 326 (Part 7) :<br>2006<br>ISO 1242<br>Reviewed In : 2022<br>ISO 1242 : 1999            | Methods of sampling and test for natural and synthetic perfumery materials: Part 7 determination of acid value (Third Revision)   | July, 2022    | - | Identical under dual numbering |
| 50 | IS 326 (Part 8) :<br>2005<br>ISO 709<br>Reviewed In : 2022<br>ISO 709 : 2001              | Methods of sampling and test for natural and synthetic perfumery materials part8 determination of ester value (Third Revision)  | July, 2022    | 1 | Identical under dual numbering |
| 51 | IS 326 (Part 9/Sec 1) :<br>2017<br>ISO 1241 : 1996<br>Reviewed In : 2022<br>ISO 1241:1996 | Methods of sampling and test for natural and synthetic perfumery materials: Part 9 determination of ester value and free alcohols section 1 determination of ester values, before and after acetylation, and evaluation of the contents of free and total alcohols (Third | July, 2022    | - | Identical under dual numbering |

|    |   | Revision)  |               |   |                                |
|----|---|--|---------------|---|--------------------------------|
| 52 | IS 326 (Part 9/Sec 2) : 2017<br>ISO 3794 : 1976<br>Reviewed In : 2022<br>ISO 3794:1976  | Methods of sampling and test for natural and synthetic perfumery materials: Part 9 determination of ester value and free alcohols section 2 estimation of free alcohols content by determination of ester value after acetylation (Third Revision) | July, 2022    | - | Identical under dual numbering |
| 53 | IS 326 (Part 10) : 2005<br>ISO 4715<br>Reviewed In : 2022<br>ISO 4715 : 1978            | Methods of sampling and test for natural and synthetic perfumery materials: Part 10 determination of residue on evaporation (Third Revision)   | July, 2022    | 1 | Identical under dual numbering |
| 54 | IS 326 (Part 11/Sec 1) : 2017<br>ISO 1271 : 1983<br>Reviewed In : 2022<br>ISO 1271:1983 | Methods of sampling and test for natural and synthetic perfumery materials: Part 11 determination of carbonyl value section 1 free hydroxylamine method (Third Revision)   | July, 2022    | - | Identical under dual numbering |
| 55 | IS 326 (Part 11/Sec 2) : 2017<br>ISO 1279 : 1996<br>Reviewed In : 2022<br>ISO 1279:1996 | Methods of sampling and test for natural and synthetic perfumery materials: Part 11 determination of carbonyl value section 2 potentiometric methods using hydroxylammonium chloride (Third Revision)  | July, 2022    | - | Identical under dual numbering |
| 56 | IS 326 (Part 12) : 2005<br>ISO 1272<br>Reviewed In : 2020<br>ISO 1272:2000              | Methods of sampling and test for natural and synthetic perfumery materials: Part 12 determination of phenols (Third Revision)  | October, 2020 | - | Identical under dual numbering |
| 57 | IS 326 (Part 13) : 2020   | Methods of Sampling and Test for Natural and Synthetic Perfumery Materials Part 13 Determination of 1,8-Cineole Content ( Fourth Revision )  | -             | - | Indigenous                     |
| 58 | IS 326 (Part 14) : 1985<br>Reviewed In : 2020   | Methods of sampling and test for natural and synthetic perfumery materials: Part 14 determination of heavy metals (Second Revision)  | October, 2020 | - | Indigenous                     |
| 59 | IS 326 (Part 15) : 1984<br>Reviewed In : 2020   | Methods of sampling and test for natural and synthetic perfumery materials: Part 15 detection of petroleum and mineral oils (Second Revision)  | October, 2020 | - | Indigenous                     |
| 60 | IS 326 (Part 16) : 1989<br>Reviewed In : 2019   | Natural and synthetic perfumery materials - Methods of sampling and test: Part 16 determination of melting point and melting range (Second Revision)   | April, 2019   | 1 | Indigenous                     |
| 61 | IS 326 (Part 17) : 1989<br>Reviewed In : 2020   | Natural and synthetic perfumery materials - Methods of sampling and test: Part 17 detection of chlorine (Second Revision)  | October, 2020 | - | Indigenous                     |
| 62 | IS 326 (Part 18) : 1984<br>ISO 1041<br>Reviewed In : 2019                               | Methods of sampling and test for natural and synthetic perfumery materials: Part 18 determination of freezing point (Second Revision)  | April, 2019   | - | Identical under dual numbering |

|    |   |  |             |   |                                 |
|----|---|--|-------------|---|---------------------------------|
|    | ISO 1041:1973   |  |             |   |                                 |
| 63 | IS 326 (Part 19/Sec 2) : 2023<br>ISO 7609 : 1985  | Natural and Synthetic Perfumery Materials Methods of Sampling and Test Part 19 Gas Chromatographic Analysis of Perfumery Materials on Fused Silica Capillary Columns General Method [ISO 7609 : 1985, MOD] ( Second Revision ) |             | - | Modified/Technically Equivalent |
| 64 | IS 326 (Part 20) : 1993<br>Reviewed In : 2019   | Natural and synthetic perfumery materials - Methods of sampling and test: Part 20 determination of boiling (Distillation) range (Second Revision)  | April, 2019 | - | Indigenous                      |
| 65 | IS 326 (Part 21) : 2001<br>ISO 11021<br>Reviewed In : 2022<br>ISO 11021:1999                    | Methods of sampling and test for natural and synthetic perfumery materials: Part 21 determination of water content - Karl fischer method   | July, 2022  | - | Identical under dual numbering  |
| 66 | IS 326 (Part 23) : 2017<br>ISO 356 : 1996<br>Reviewed In : 2022<br>ISO 356:1996                 | Methods of sampling and test for natural and synthetic perfumery materials: Part 23 preparation of test samples  | July, 2022  | - | Identical under dual numbering  |
| 67 | IS 326 (Part 24) : 2017<br>ISO 7660 : 1983<br>Reviewed In : 2022<br>ISO 7660 : 1983             | Methods of sampling and test for natural and synthetic perfumery materials: Part 24 determination of ester value of oils containing difficult - To - Saponify esters   | July, 2022  | - | Identical under dual numbering  |
| 68 | IS 326 (Part 25) : 2017<br>ISO 14714 : 1998<br>Reviewed In : 2022<br>ISO 14714:1998             | Methods of sampling and test for natural and synthetic perfumery materials: Part 25 determination of residual benzene content  | July, 2022  | - | Identical under dual numbering  |
| 69 | IS 326 (Part 26) : 2017<br>Reviewed In : 2022<br>ISO / TR 11018:1997                            | Methods of sampling and test for natural and synthetic perfumery material: Part 26 general guidance on determination of flashpoint   | July, 2022  | - | Not Equivalent                  |
| 70 | IS 326 (Part 27) : 2018<br>Reviewed In : 2022<br>ISO/TR 211:1999                                | Methods of sampling and test for natural and synthetic perfumery material: Part 27 general rules for labelling and marking of containers   | July, 2022  | - | Not Equivalent                  |
| 71 | IS 326 (Part 28) : 2017<br>Reviewed In : 2022<br>ISO/TR 210:1999                                | Methods of sampling and test for natural and synthetic perfumery material: Part 28 general rules for packaging, conditioning and storage   | July, 2022  | - | Not Equivalent                  |
| 72 | IS 326 (Part 29/Sec 1) : 2018<br>ISO 11024-1 : 1998<br>Reviewed In : 2022<br>ISO 11024-1 : 1998 | Methods of sampling and test for natural and synthetic perfumery materials: Part 29 general guidance on chromatographic profiles section 1 preparation of chromatographic profiles for presentation in standards               | July, 2022  | - | Identical under dual numbering  |
| 73 | IS 326 (Part 29/Sec 2) : 2018   | Methods of sampling and test for natural and synthetic perfumery   | July, 2022  | - | Identical under dual numbering  |

|    |   |  |               |   |                                |
|----|---|--|---------------|---|--------------------------------|
|    | ISO 11024-2 : 1998<br>Reviewed In : 2022<br>ISO 11024-2: 1985                       | material: Part 29 general guidance on chromatographic profiles section 2 utilization of chromatographic profiles of samples natural and synthetic perfumery material |               |   |                                |
| 74 | IS 326 (Part 30) : 2018<br>ISO 18321 : 2015<br>Reviewed In : 2022<br>ISO 18321:2015 | Methods of sampling and test for natural and synthetic perfumery materials: Part 30 determination of peroxide value  | July, 2022    | - | Identical under dual numbering |
| 75 | IS 327 : 1991<br>ISO 4718<br>Reviewed In : 2019<br>ISO 4718                         | Oil of lemongrass - Specification (Second Revision)  | April, 2019   | 1 | Not Equivalent                 |
| 76 | IS 328 : 2022<br>ISO 770:2002<br>ISO 770:2002                                       | OIL OF EUCALYPTUS GLOBULUS - SPECIFICATION   |               | - | Identical under dual numbering |
| 77 | IS 329 : 2004<br>Reviewed In : 2020<br>ISO 3518:2002                                | Oil of sandalwood - Specificaiton (Third Revision)   | October, 2020 | - | Not Equivalent                 |
| 78 | IS 3349 : 1989<br>Reviewed In : 2020  | Perfumery materials - Reslnoid benzoin, pure - Specification (First Revision)  | October, 2020 | - | Indigenous                     |
| 79 | IS 3398 : 2003<br>ISO 3757<br>Reviewed In : 2019<br>ISO 3757:1978                   | Oil of patchouli - Specification (First Revision)  | April, 2019   | - | Not Equivalent                 |
| 80 | IS 3504 : 2006<br>Reviewed In : 2022  | Thymol - Specification (Third Revision)  | July, 2022    | - | Indigenous                     |
| 81 | IS 3584 : 2007<br>Reviewed In : 2022  | Camphor - Specification (Second Revision)  | July, 2022    | 1 | Indigenous                     |
| 82 | IS 3858 : 2006<br>Reviewed In : 2022  | Benzyl acetate - Specification (Third Revision)  | July, 2022    | - | Indigenous                     |
| 83 | IS 3924 : 1980<br>Reviewed In : 2022  | Specification for benzyl alcohol (First Revision)  | July, 2022    | 1 | Indigenous                     |
| 84 | IS 3925 : 1980<br>Reviewed In : 2020  | Specification for eugenol (First Revision)   | October, 2020 | 1 | Indigenous                     |
| 85 | IS 3926 : 2024  | Methyl Cinnamate " Specification (Second Revision)   |               | - | Indigenous                     |
| 86 | IS 3926 : 1986<br>Reviewed In : 2022  | Specification for methyl cinnamate (First Revision)  | July, 2022    | 1 | Indigenous                     |
| 87 | IS 3927 : 1986<br>Reviewed In : 2020  | Specification for iso - Butyl phenyl acetate (First Revision)  | October, 2020 | - | Indigenous                     |
| 88 | IS 3928 : 1986<br>Reviewed In : 2020  | Specification for styrallyl acetate (First Revision)   | October, 2020 | 1 | Indigenous                     |
| 89 | IS 3929 : 1984<br>Reviewed In : 2022  | Specification for amyl salicylate (First Revision)   | July, 2022    | - | Indigenous                     |
| 90 | IS 4272 : 2024  | Vanillin " Specification (Second Revision)   |               | - | Indigenous                     |
| 91 | IS 4272 : 1986<br>Reviewed In : 2022  | Specification for vanillin (First Revision)  | July, 2022    | - | Indigenous                     |
| 92 | IS 4273 : 1984<br>Reviewed In : 2020  | Specification for iso - Bornyl acetate (First Revision)  | October, 2020 | 1 | Indigenous                     |
| 93 | IS 4603 : 1991<br>Reviewed In : 2020  | Phenyl ethyl alcohol - Specification (First Revision)  | October, 2020 | 1 | Indigenous                     |
| 94 | IS 512 : 1988<br>Reviewed In : 2019   | Specification for oil of citronella (Java) (Second Revision)   | April, 2019   | 1 | Indigenous                     |
| 95 | IS 5164 : 1984  | Specification for iso - Borneol  | April, 2019   | - | Indigenous                     |

|     |  |  |                |   |                                   |
|-----|--|--|----------------|---|-----------------------------------|
|     | Reviewed In : 2019   | (First Revision)   |                |   |                                   |
| 96  | IS 526 : 2007<br>Reviewed In : 2022<br>ISO 4727:1988                       | Oil of palmarosa - Specification<br>(Third Revision)                                       | July, 2022     | 2 | Not Equivalent                    |
| 97  | IS 528 : 1999<br>ISO 856<br>Reviewed In : 2022<br>ISO 9776                 | Oil of mentha arvensis -<br>Specification (Third Revision)                                 | July, 2022     | - | Not Equivalent                    |
| 98  | IS 533 : 2007<br>Reviewed In : 2022<br>ISO 1020:1998                       | Gum spirit of turpentine (Oil Of<br>Turpentine) - specification (Third<br>Revision)        | July, 2022     | - | Not Equivalent                    |
| 99  | IS 5752 : 1970<br>Reviewed In : 2020                                       | Specification for yara yara  | October, 2020  | - | Indigenous                        |
| 100 | IS 5753 : 2006<br>Reviewed In : 2022                                       | Alpha - Amyl cinnamic aldehyde -<br>Specification (Third Revision)                         | July, 2022     | - | Indigenous                        |
| 101 | IS 5754 : 1998<br>Reviewed In : 2019                                       | Phenylaceticacid,perfumery grade<br>- Specification (Second Revision)                      | April, 2019    | - | Indigenous                        |
| 102 | IS 5757 : 1992<br>Reviewed In : 2024                                       | Oil of pine - Specification (Second<br>Revision)   | April, 2024    | 2 | Indigenous                        |
| 103 | IS 587 : 1997<br>ISO 4731<br>Reviewed In : 2019<br>ISO 4731:1978           | Oil of geranium - Specification<br>(Third Revision)  | April, 2019    | - | Not Equivalent                    |
| 104 | IS 6597 : 2001<br>Reviewed In : 2022                                       | Glossary of terms relating to<br>fragrance and flavour industry<br>(Second Revision)       | July, 2022     | - | Indigenous                        |
| 105 | IS 6698 : 1972<br>ISO 3141:86 &<br>3142:86<br>Reviewed In : 2020           | Specification for oil of clove   | October, 2020  | - | Indigenous                        |
| 106 | IS 6699 : 2019<br>ISO 3524 : 2003<br>Reviewed In : 2023<br>ISO 3524 : 2003 | Oil of cinnamon leaf, sri lanka type<br>(Cinnamomum Zeylanicum Blume)<br>(Second Revision) | December, 2023 | - | Identical under dual<br>numbering |
| 107 | IS 6770 : 1984<br>Reviewed In : 2020                                       | SpeciflCation for benzophenone<br>(First Revision)   | October, 2020  | - | Indigenous                        |
| 108 | IS 6774 : 2006<br>Reviewed In : 2020                                       | Classification of essential oil -<br>Bearing aromatic plants (First<br>Revision)           | October, 2020  | - | Indigenous                        |
| 109 | IS 761 : 2017<br>Reviewed In : 2022  | Oil of ginger - Specification<br>(Second Revision)   | July, 2022     | - | Indigenous                        |
| 110 | IS 7696 : 2023   | Para-cresyl Methyl Ether Second<br>Revision of IS 7696                                     |                | - | Indigenous                        |
| 111 | IS 7697 : 1991<br>Reviewed In : 2019                                       | Phenyl ethyl methyl specification<br>ether - (First Revision)                              | April, 2019    | - | Indigenous                        |
| 112 | IS 9257 : 1993<br>Reviewed In : 2020<br>ISO 3044:1974                      | Oil of eucalyptus citriodora -<br>Specification (First Revision)                           | October, 2020  | 1 | Not Equivalent                    |

### Standards under Development

#### Projects Approved

| Sl. No.                 | Doc No. | Title |
|-------------------------|---------|-------|
| <i>No Records Found</i> |         |       |

#### Preliminary Draft Standards

| SI. No. | Doc No.                                  | Title                                  |
|---------|--|--|
| 1       | PCD 18 (14518)                           | OIL OF CARROT SEED SPECIFICATION       |
| 2       | PCD 18 (21244) Revision of: IS 3929:1984 | SPECIFICATION FOR AMYL SALICYLATE      |
| 3       | PCD 18 (21480) Revision of: IS 3924:1980 | SPECIFICATION FOR BENZYL ALCOHOL       |
| 4       | PCD 18 (25355)                           | OIL OF FRANKINCENSE - SPECIFICATION    |
| 5       | PCD 18 (25823)                           | INCENSE STICKS AGARBATTI SPECIFICATION |
| 6       | PCD 18 (25992)                           | OIL OF BLUE CHAMOMILE - SPECIFICATION  |

### Drafts Standards in WC Stage

| SI. No.                 | Doc No. | Title |
|-------------------------|---------|-------|
| <i>No Records Found</i> |         |       |

### Draft Standards Completed WC Stage

| SI. No. | Doc No.        | Title   |
|---------|----------------|---|
| 1       | PCD 18 (14443) | DETERMINATION OF CHIRAL PURITY OF ESSENTIAL OILS BY GAS CHROMATOGRAPHY  |
| 2       | PCD 18 (21084) | OIL OF MENTHA ARVENSIS SPECIFICATION  |
| 3       | PCD 18 (21456) | COUMARIN - SPECIFICATION  |
| 4       | PCD 18 (22269) | Oil of Lemongrass - Specification third revision  |
| 5       | PCD 18 (23365) | OIL OF CITRONELLA JAVA SPECIFICATION  |
| 6       | PCD 18 (23369) | PHENYL ETHYL METHYL ETHER SPECIFICATION   |
| 7       | PCD 18 (24567) | OIL OF CLOVE LEAVES SYZYGIUM AROMATICUM L MERR ET PERRY SYN EUGENIA CARYOPHYLLUS SPRENGEL BULLOCK ET S HARRISON |
| 8       | PCD 18 (24568) | OIL OF CLOVE BUDS SYZYGIUM AROMATICUM L MERR ET PERRY SYN EUGENIA CARYOPHYLLUS SPRENGEL BULLOCK ET S HARRISON   |
| 9       | PCD 18 (24569) | OIL OF CLOVE STEMS SYZYGIUM AROMATICUM L MERR ET PERRY SYN EUGENIA CARYOPHYLLUS SPRENGEL BULLOCK ET S HARRISON  |
| 10      | PCD 18 (25032) | Thymol - Specification Third Revision Amendment - 1   |
| 11      | PCD 18 (25877) | DETERMINATION OF FATTY ACIDS IN NATURAL AND SYNTHETIC PERFUMERY MATERIALS BY GAS CHROMATOGRAPHY                 |

### Finalized Draft Indian Standard

| SI. No.                 | Doc No. | Title |
|-------------------------|---------|-------|
| <i>No Records Found</i> |         |       |

### Finalized Draft Indian Standards under Print

| SI. No.                 | Doc No. | Title |
|-------------------------|---------|-------|
| <i>No Records Found</i> |         |       |

**Total Published Standards:110 Total Standards Under development:17**

### Aspect Wise Report

Product : 69  
Code of Practices : 7  
Methods of Test : 31  
Terminology : 1  
Dimensions : 0  
System Standard : 0  
Safety Standard : 0  
Others : 2  
Service Specification : 0



**Annexure-I :List of Indian Standards Withdrawn/Superseded**

| SI. No. | IS No. & Year  | Title  |
|---------|--|--|
| 1       | IS 13582 : 1992  | Agarbatti - T  |
| 2       | IS 1614 : 1960   | Oil of vetiver roots cultivated  |
| 3       | IS 1616 : 1960   | Oil of spike lavender  |
| 4       | IS 1617 : 1960   | Oil of lavandin  |
| 5       | IS 1618 : 1960   | Lavender French  |
| 6       | IS 3131 : 1986<br>Reviewed In : 2009   | Musk Ambrette  |
| 7       | IS 3226 : 1965   | Oil Of Bergamot  |
| 8       | IS 3227 : 1965   | Oil Of Bois De Rose  |
| 9       | IS 3249 : 1965   | Oil Of Rosemary  |
| 10      | IS 326 (Part 9) : 1980<br>Reviewed In : 2017   | Methods of Sampling and Test for Natural and Synthetic Perfumery Materials - Part IX<br>Determination of Ester Value after Acetylation and Free Alcohols   |
| 11      | IS 326 (Part 11) : 1986<br>Reviewed In : 2017  | Methods of test for natural and synthetic perfumery materials Part 11 Determination of carbonyl value and content of carbonyl compounds  |
| 12      | IS 326 (Part 19) : 1998<br>Reviewed In : 2014  | Method of Sampling and Test for Natural and Synthetic Perfumery Materials - Part 19 GAS<br>Chromatographic Analysis of Perfumery Materials   |
| 13      | IS 326 (Part 19/Sec 1) :<br>2018<br>ISO 7359 : 1985<br>Reviewed In : 2022 ISO<br>7359 : 1985 | Methods of sampling and test for natural and synthetic perfumery materials Part 19 gas chromatographic analysis of perfumery materials section 1 on packed columns - General method<br>First Revision                                      |
| 14      | IS 326 (Part 20/Sec 2) :<br>2018<br>ISO 11024-2 : 1998<br>ISO 11024-2: 1985                  | Methods of Sampling and Test for Natural and Synthetic Perfumery Material Part 29 General<br>Guidance on Chromatographic Profiles Section 2 Utilization of chromatographic profiles of<br>samples natural and synthetic perfumery material |
| 15      | IS 3533 : 1965   | Oil Of Linaloe Berries   |
| 16      | IS 4271 : 1967<br>Reviewed In : 2005   | Coumarin   |
| 17      | IS 527 : 1954  | Rectified Oil Of Camphor   |
| 18      | IS 5808 : 1970   | Linalool   |
| 19      | IS 6617 : 1972   | Oil of mandrin orange cold pressed   |
| 20      | IS 7695 : 1978   | Linalool Synthetic   |
| 21      | IS 9784 : 1981<br>Reviewed In : 1990   | Tejpat Leaf Oil  |

**Annexure-II :List of Indian Product Standards**

| SI. No. | IS No. & Year  | Title                                     |
|---------|----------------|---|
| 1       | IS 1049 : 1962 | Specification for Alcohol Perfumery Grade |

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|    | Reviewed In : 2023  |   |
| 2  | IS 1177 : 2022  | OIL OF VETIVER CULTIVATED AND KHUS SPECIFICATION  |
| 3  | IS 11909 : 2019<br>ISO 3140 : 2011<br>Reviewed In : 2023 ISO<br>3140:2011     | Oil of sweet orange citrus sinensis L osbeck obtained by physical extraction of the peel First Revision |
| 4  | IS 11910 : 2018<br>ISO 3033-3 : 2005<br>Reviewed In : 2022 ISO<br>3033-3:2005 | Specification for spearmint oil First Revision  |
| 5  | IS 11912 : 1986<br>Reviewed In : 2020   | Specification for lime oil distilled food grade   |
| 6  | IS 13261 : 1991<br>Reviewed In : 2020   | Oil of mentha citrata - Specification   |
| 7  | IS 14507 : 2023   | DIPHENYL ETHER SPECIFICATION  |
| 8  | IS 14508 : 1998<br>Reviewed In : 2020   | Oil of jamrosa - Specification  |
| 9  | IS 15068 : 2001<br>Reviewed In : 2022 ISO<br>4733:1981                        | Oil of cardamom Elettaria Cardamomum maton - Specification  |
| 10 | IS 15069 : 2001<br>Reviewed In : 2022   | Oil of cuminseed - Specification  |
| 11 | IS 15070 : 2020<br>ISO 3061 : 2008<br>ISO 3061:2008                           | Oil of Black Pepper Specification First Revision  |
| 12 | IS 15136 : 2002<br>Reviewed In : 2019 ISO<br>11043                            | Oil of basil methylchavicol type - Specification  |
| 13 | IS 15740 : 2007<br>Reviewed In : 2022   | Oil of rose - Specification   |
| 14 | IS 1615 : 1996<br>Reviewed In : 2019  | Oil of himalayan cedarwood - Specification Second Revision  |
| 15 | IS 16583 : 2017<br>Reviewed In : 2022 ISO<br>9842:2003                        | Oil of peppermint mentha piperita Indian Type - Specification   |
| 16 | IS 1799 : 1981<br>Reviewed In : 2020  | Specification for citral First Revision   |
| 17 | IS 1800 : 1989<br>Reviewed In : 2020  | Perfumery material - Geraniol specification Second Revision   |
| 18 | IS 1801 : 2016<br>Reviewed In : 2022  | Citronellol - Specification Fourth Revision   |
| 19 | IS 1802 : 2005<br>Reviewed In : 2020  | Ionone - Specification Third Revision   |
| 20 | IS 18062 : 2023   | OIL OF TAGETES MINUTA - SPECIFICATION   |
| 21 | IS 18064 : 2022   | OIL OF HOLY BASIL SPECIFICATION   |
| 22 | IS 18250 : 2023   | SYNTHETIC MENTHOL SPECIFICATION   |
| 23 | IS 19012 : 2022   | Nonanol - Specification   |
| 24 | IS 19013 : 2022   | Iso Nonyl Alcohol - Specification   |
| 25 | IS 3123 : 2005<br>Reviewed In : 2020  | Hydroxycitronellal - Specification Third Revision   |

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| 26 | IS 3124 : 2006<br>Reviewed In : 2022                              | Terpineol - Specification Third Revision                                   |
| 27 | IS 3134 : 1992<br>Reviewed In : 2020                              | Menthol - Specification First Revision                                     |
| 28 | IS 3145 : 1986<br>Reviewed In : 2020                              | Specificat!On for musk xylol First Revision                                |
| 29 | IS 3146 : 1991<br>ISO 3760<br>Reviewed In : 2019 ISO<br>3760:1978 | Oil of celery seed - Specification First Revision                          |
| 30 | IS 3147 : 1992<br>Reviewed In : 2019                              | Oil of dill seed - Specification First Revision                            |
| 31 | IS 3180 : 1984<br>Reviewed In : 2020                              | Specification for linalyl acetate First Revision                           |
| 32 | IS 3228 : 1986<br>Reviewed In : 2020                              | Specification for musk ketone First Revision                               |
| 33 | IS 3241 : 1985<br>Reviewed In : 2020                              | SpecificAtion for geranyl acetate First Revision                           |
| 34 | IS 3250 : 2005<br>Reviewed In : 2020                              | Methyl ionone - Specification Third Revision                               |
| 35 | IS 327 : 1991<br>ISO 4718<br>Reviewed In : 2019 ISO<br>4718       | Oil of lemongrass - Specification Second Revision                          |
| 36 | IS 328 : 2022<br>ISO 770:2002<br>ISO 11119-3 : 2020               | OIL OF EUCALYPTUS GLOBULUS - SPECIFICATION                                 |
| 37 | IS 329 : 2004<br>Reviewed In : 2020 ISO<br>3518:2002              | Oil of sandalwood - Specificaiton Third Revision                           |
| 38 | IS 3349 : 1989<br>Reviewed In : 2020                              | Perfumery materials - Reslnoid benzoin pure - Specification First Revision |
| 39 | IS 3398 : 2003<br>ISO 3757<br>Reviewed In : 2019 ISO<br>3757:1978 | Oil of patchouli - Specification First Revision                            |
| 40 | IS 3504 : 2006<br>Reviewed In : 2022                              | Thymol - Specification Third Revision                                      |
| 41 | IS 3584 : 2007<br>Reviewed In : 2022                              | Camphor - Specification Second Revision                                    |
| 42 | IS 3858 : 2006<br>Reviewed In : 2022                              | Benzyl acetate - Specification Third Revision                              |
| 43 | IS 3924 : 1980<br>Reviewed In : 2022                              | Specification for benzyl alcohol First Revision                            |
| 44 | IS 3925 : 1980<br>Reviewed In : 2020                              | Specification for eugenol First Revision                                   |
| 45 | IS 3926 : 2024  | Methyl Cinnamate Specification Second Revision                             |
| 46 | IS 3927 : 1986<br>Reviewed In : 2020                              | Specification for iso - Butyl phenyl acetate First Revision                |
| 47 | IS 3928 : 1986<br>Reviewed In : 2020                              | Specification for styrallyl acetate First Revision                         |
| 48 | IS 3929 : 1984<br>Reviewed In : 2022                              | Specification for amyl salicylate First Revision                           |
| 49 | IS 4272 : 2024  | Vanillin Specification Second Revision                                     |
| 50 | IS 4273 : 1984<br>Reviewed In : 2020                              | Specification for iso - Bornyl acetate First Revision                      |
| 51 | IS 4603 : 1991  | Phenyl ethyl alcohol - Specification First Revision                        |

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|    | Reviewed In : 2020   |   |
| 52 | IS 512 : 1988<br>Reviewed In : 2019  | Specification for oil of citronella Java Second Revision                        |
| 53 | IS 5164 : 1984<br>Reviewed In : 2019                                       | Specification for iso - Borneol First Revision                                  |
| 54 | IS 526 : 2007<br>Reviewed In : 2022 ISO<br>4727:1988                       | Oil of palmarosa - Specification Third Revision                                 |
| 55 | IS 528 : 1999<br>ISO 856<br>Reviewed In : 2022 ISO<br>9776                 | Oil of mentha arvensis - Specification Third Revision                           |
| 56 | IS 533 : 2007<br>Reviewed In : 2022 ISO<br>1020:1998                       | Gum spirit of turpentine Oil Of Turpentine - specification Third Revision       |
| 57 | IS 5752 : 1970<br>Reviewed In : 2020                                       | Specification for yara yara   |
| 58 | IS 5753 : 2006<br>Reviewed In : 2022                                       | Alpha - Amyl cinnamic aldehyde - Specification Third Revision                   |
| 59 | IS 5754 : 1998<br>Reviewed In : 2019                                       | Phenylaceticacid perfumery grade - Specification Second Revision                |
| 60 | IS 5757 : 1992<br>Reviewed In : 2024                                       | Oil of pine - Specification Second Revision                                     |
| 61 | IS 587 : 1997<br>ISO 4731<br>Reviewed In : 2019 ISO<br>4731:1978           | Oil of geranium - Specification Third Revision                                  |
| 62 | IS 6698 : 1972<br>ISO 3141:86 & 3142:86<br>Reviewed In : 2020              | Specification for oil of clove  |
| 63 | IS 6699 : 2019<br>ISO 3524 : 2003<br>Reviewed In : 2023 ISO<br>3524 : 2003 | Oil of cinnamon leaf sri lanka type Cinnamomum Zeylanicum Blume Second Revision |
| 64 | IS 6770 : 1984<br>Reviewed In : 2020                                       | SpecifiCation for benzophenone First Revision                                   |
| 65 | IS 761 : 2017<br>Reviewed In : 2022  | Oil of ginger - Specification Second Revision                                   |
| 66 | IS 7696 : 2023   | Para-cresyl Methyl Ether Second Revision of IS 7696                             |
| 67 | IS 7697 : 1991<br>Reviewed In : 2019                                       | Phenyl ethyl methyl specification ether - First Revision                        |
| 68 | IS 9257 : 1993<br>Reviewed In : 2020 ISO<br>3044:1974                      | Oil of eucalyptus citriodora - Specification First Revision                     |