**REVIEW ANALYSIS OF INDIAN STANDARD**

**Sectional Committee No. & Title:**  PCD 9 - Organic Chemicals, Alcohols and Allied Products

1. **IS No:**  501: 1976
2. **Title:**  Specification for oxalic acid, technical and analytical reagent (Second Revision)
3. **Date of review:** 16.09.2021
4. **Review Analysis**
5. **Status of standard(s), if any from which assistance had been drawn in the formulation of this IS.**

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| --- | --- | --- | --- |
| **Standard**  **(No. & Title)** | **Whether the standard has since been revised** | **Major changes** | **Action proposed** |
| NA | NA | NA | NA |

1. **Status of standards referred in the IS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Referred standards**  **(No. & Title)** | **IS No. of this standards since revised** | **Changes that are of affecting the standard under review** | **Action proposed** |
| 1070:1992  Reagent grade water - Specification (Third Revision) | Not revised | NA | NA |
| IS 265:1993  HYDROCHLORIC ACID SPECIFICATION Fifth Revision | IS 265:2021 Fifth Revision | It is not referred for particular clause. However, reagents referred in clause Page 11, clause A-10.1.3) and hydrochloride acid used in determination of calcium and magnesium | Changes to be revised |
| IS 266:1993  Sulphuric acid - Specification (Third Revision) | Not revised | NA | NA |

1. **Any other standards available related to the subject & scope of the standard being reviewed (International/regional/other national/association/consortia, etc. or of new or revision of existing Indian Standard)**

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| **Standard**  **(No. & Title)** | **Provisions that could be relevant while reviewing the IS** | **Action proposed** |
| NA | NA | **NA** |

1. **Technical comments on the standard received, if any**

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| --- | --- | --- | --- |
| **Source** | **Clause of IS** | **Comment** | **Action proposed** |
| **NA** | NA | NA | NA |

1. **Information available on technical developments that have taken place (on product/processes/practices/use or application/testing/input materials, etc)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Source** | **Development** | **Relevant clause of the IS under review that is likely to be impacted**  **(Clause & IS No.)** | **Action proposed** |
| Research paper LGC - CAS Number [**144-62-7**](https://www.lgcstandards.com/TN/en/search?text=144-62-7) |  | Expiry period may be written on packing | Changes to be revised |
| Research paper LGC - CAS Number [**144-62-7**](https://www.lgcstandards.com/TN/en/search?text=144-62-7) |  | Infrared structure test may be added | Changes to be revised |
| **Non Manufacturer licensee** |  | Iron Table 1 IS 501:1976 Sn0- vii and Alternative Method using UV-visible Spectrophotometer may be added in the standard | Changes to be revised |

1. **Issues arising out of changes in any related IS or due to formulation of new Indian Standard**

Standard contains no Cross Referenced International Standard.

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| --- | --- | --- | --- |
| **Related IS and its Title**  **(revised or new)** | **Provision in the IS under review that would be impacted & the clause no. or addition of new clause/provision** | **Changes that may be necessary in the Standards under review** | **Action proposed** |
| NA | NA | NA | NA |

1. **Any consequential changes to be considered in other IS**

|  |  |
| --- | --- |
| **Related IS to get impacted** | **Requirements to be impacted** |
| NA | Standard contains no Cross Referenced International Standard. |

1. **Any other observation:**

Expiry period may be written on packing

1. **Recommendations:**

The following may be included in the standard:

* Alternative Method using UV-visible Spectrophotometer may be added in the standard
* Expiry period may be written on packing
* Infrared structure test may be added