

Summary of Indian Standard Specification for  
META CRESOL IS 14710:1999

Indian Standard Specification for META CRESOL IS 14710:1999 finalised by the Aromatic Hydrocarbons Sectional Committee PCD 09 and approved by Petroleum Coal and Related products Divisional council of Bureau of Indian Standards. The standard outlines the specifications, sampling methods, and testing procedures for meta-cresol, also known as m-cresol or meta-methyl phenol. The standard defines the physical and chemical properties that meta-cresol must comply with, including specific gravity, water content, residue on evaporation, neutral oil content, crystallization point, and assay percentage. It emphasizes the importance of handling precautions due to the material's corrosive and toxic nature, advising users to avoid skin contact and to wear appropriate protective gear, including gloves and goggles.

The standard provides comprehensive guidelines for the packaging and marking of meta-cresol containers, ensuring that they are properly labelled with necessary information. BIS certification Marking clause has also been incorporated in this Indian Standard. Sampling process are elaborated in the Standard on how to draw representative samples from containers and tanks to ensure accurate testing results.

Additionally, IS 14710:1999 includes several annexes (A to G) that elaborate on various testing methods for various properties of meta-cresol, including colour determination, specific gravity, water content, and crystallization point. In preparation of this Indian Standard considerable assistance has been derived from test methods specified in different parts of ISO 1897:1977 as well as ASTM D 5310:1994. Analytical techniques such as gas chromatography has been specified for assessing the purity of meta-cresol.

Overall, this standard serves as a crucial framework for quality control and standardization in the production and utilization of meta-cresol promoting safety and consistency in its applications across various industries. By adhering to these guidelines, manufacturers and users can ensure that the meta-cresol they handle meets the required safety and quality benchmarks.

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