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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 25789-2023

Replacing GB/T 25789-2010

p-Phenylenediamine

对苯二胺

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Standardization Administration of the PRC

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Foreword

This document complies with the provisions of GB/T 1:1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting:

This document replaces GB/T 25789-2010 "P-phenylenediamine": Compared with GB/T 25789-2010, except for structural adjustments and editorial changes, In addition, the main technical changes are as follows:

- Changed the quality requirements for p-phenylenediamine (see Chapter 4, Chapter 3 of the:2010 edition);

- Changed the sampling volume (see Chapter 6, Chapter 4 of the:2010 edition);

- Changed the appearance assessment method (see 7:2, 5:2 of the:2010 version);

- Added capillary melting point instrument method (see 7:3:2);

- Changed the chromatographic operating conditions (see 7:4:4, 5:4:4 of the:2010 edition):

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This document is under the jurisdiction of the National Dyestuffs Standardization Technical Committee (SAC/TC134):

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This document was first published in:2010 and this is the first revision: p-phenylenediamine Warning---Personnel using this document should have practical experience in regular

laboratory work: This document does not address all possible security issues question: Users are responsible for taking appropriate safety and health measures and ensuring compliance with the conditions stipulated in relevant national regulations:

1 Scope

This document stipulates the quality requirements, safety information, sampling, test methods, inspection rules, signs, labels, packaging, and transportation of paraphenylenediamine: transport and storage:

This document applies to the quality control of p-phenylenediamine products: Structural formula: Molecular formula:C6H8N2 Relative molecular mass: 108:14 (according to 2022 international relative atomic mass) CAS number:106-50-3

2 Normative reference documents

GB 190

GB/T 191-2008

GB/T 2384-2021

GB/T 6678-2003

GB/T 8170-2008

GB/T 9722-2006

GB 12268-2012

GB 12463

GB 15258

GB 15603

GB/T 16483

3 Terms and definitions

There are no terms or definitions to be defined in this document: