

ICS 71.100.01  
CCS G57



**NATIONAL STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA**

**GB/T 21888-2023**

Replacing GB/T 21888-2008

**C.I. Acid red 131 (Acid brilliant red P-9B 150%)**

C.I.酸性红131 (酸性艳红P-9B 150%)

**Issued on: August 6, 2023**

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Standardization Administration of China**

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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 21888-2008 "Acid Brilliant Red P-9B150% (CI Acid Red 131)" and is consistent with GB/T 21888-2008. In comparison, in addition to structural adjustments and editorial changes, the main technical changes are as follows:

--- Added color measurement and color light indicators (see 4.1);

--- Changed the control requirements and test methods for harmful aromatic amines (see 4.1, 6.7, 3.2,

5.7 of the 2008 edition);

--- Added color fastness indicators and test methods to chlorinated water (see 4.2, 6.9.8);

--- Changed the appearance assessment method (see 6.1,

5.1 of the 2008 version);

--- Added dye standard content (see 6.2.1);

--- Changed the general conditions for dyeing (see 6.2.2.1, 6.2.3.1, 5.2.1.1,

5.2.2.1 of the 2008 edition);

--- Changed some contents of signs, labels, packaging, transportation and storage (see Chapter 8, Chapter 7 of the 2008 edition). Please note that some content in this document may be subject to patents. The publisher of this document assumes no responsibility for identifying patents. This document is proposed by China Petroleum and Chemical Industry Federation. This document is under the jurisdiction of the National Dyestuffs Standardization Technical Committee (SAC/TC134). This document was drafted by: Jinhua

Henglikang Chemical Co., Ltd., Shenyang Shenyang Chemical Institute Testing Technology Co., Ltd., Shenyang Chemical Industry Research Institute Co., Ltd. Company, Shenyang Sinochem New Materials Technology Co., Ltd., Xiamen Kaiyue Technology Co., Ltd., Jinhua Chengtuo Household Products Co., Ltd. The main drafters of this document. Lou Yiyi, Dong Zhongsheng, Wu Ping, Li Jingyi, Tan Yunchao, Xiang Qinglong, Liu Chunsheng, and Ma Junqing. This document was first published in 2008 and this is the first revision. CI acid red 131 (acid brilliant red P-9B150%)

## 1 Scope

GB/T 21888-2023 is the Chinese national standard on c.i. acid red 131 (acid brilliant red p-9b 150%), in the field of chemical technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 6 August 2023 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 March 2024. Classification: ICS 71.100.01, CCS G57. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the requirements, sampling, test methods, inspection rules for CI Acid Red 131 (Acid Brilliant Red P-9B150%) products, and Marking, labelling, packaging, shipping and storage. This document applies to product quality control of CI Acid Red 131 (Acid Brilliant Red P-9B150%). Structural formula. Molecular formula.  $C_{30}H_{21}N_3Na_2O_9S$

2 Relative molecular mass. 677.61 (according to 2021 international relative atomic mass) CAS number. 70210-37-6

## 2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, the dated quotations For undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document.

GB/T 2374-2017 General conditions for determination of dye dyeing

GB/T 2378-2012 Determination of shading and intensity of acid dye dyeing

GB/T 2381-2013 Determination of insoluble matter content of dyes and dye intermediates

GB/T 2386-2014 Determination of moisture content of dyes and dye intermediates

GB/T 3671.1-1996 Determination of solubility and solution stability of water-soluble dyes

GB/T 3920-2008 Color fastness test of textiles Color fastness to rubbing

GB/T 3921-2008 Textile color fastness test Color fastness to soaping

GB/T 3922-2013 Textile color fastness test Color fastness to perspiration

GB/T 4841.1-2006 Dye dyeing standard depth color card 1/1

GB/T 5713-2013 Color fastness test of textiles Color fastness to water

GB/T 6152-1997 Color fastness test of textiles Color fastness to hot pressing

GB/T 6678-2003 General principles for sampling of chemical products

GB/T 6687 Dyes terminology