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

GB 45248-2025

**Drug concentration cutoff values and examination for vehicle
drivers**

车辆驾驶人员体内毒品含量阈值与检验

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting is required. Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document is proposed and coordinated by the Ministry of Public Security of the People's Republic of China. Threshold and inspection of drug content in vehicle drivers

1 Scope

GB 45248-2025 is the Chinese national standard on drug concentration cutoff values and examination for vehicle drivers, in the field of services and company organization. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 28 February 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 September 2025. Classification: ICS 03.160, CCS R 80. 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 threshold values of 11 drugs and their metabolites in vehicle drivers and describes the corresponding testing methods, including O6-monoacetylmorphine, morphine, cocaine, benzoylecgonine, Delta9-tetrahydrocannabinol, methamphetamine, amphetamine,

3,4-methylenedioxymethamphetamine MDMA, 3,4-methylenedioxyamphetamine (MDA), methcathinone, and ketamine. This document applies to the testing of 11 types of drugs and metabolites in the bodies of motor vehicle drivers and non-motor vehicle drivers.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document. GA/T 122 Terminology for Toxicological Analysis GA/T 1456 General technical requirements for saliva drug detection devices GA/T 1666 General technical requirements for forensic science morphine urine test kit (colloidal gold immunochromatography) GA/T 1667 General technical requirements for forensic science morphine/methamphetamine saliva test kit (colloidal gold immunochromatography) GA/T 1668 General technical requirements for forensic cocaine urine test kit (colloidal gold immunochromatography) GA/T 1692 General technical requirements for forensic methamphetamine urine test kit (colloidal gold immunochromatography) SF/T 0169 Liquid chromatography-mass spectrometry method for the detection of 11 drugs and their metabolites in blood

3 Terms and definitions

The terms and definitions defined in GA/T 122 apply to this document.

4 Threshold of drug levels in the body

Table 1 specifies the threshold levels of 11 drugs and their metabolites in the blood. Table