



International
Standard

ISO 11843-6

Capability of detection —

Part 6:

Methodology for the determination of the critical value and the minimum detectable value in Poisson distributed measurements by normal approximations

Capacité de détection —

*Partie 6: Méthodologie pour la détermination de la valeur
critique et de la valeur minimale détectable pour les mesures
distribuées selon la loi de Poisson approximée par la loi Normale*

**Third edition
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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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This document was prepared by Technical Committee ISO/TC 69, *Application of statistical methods*, Subcommittee SC 6, *Measurement methods and results*.

This third edition cancels and replaces the second edition (ISO 11843-6:2019), which has been technically revised.

The main changes are as follows:

- the symbols were modified to conform to ISO 11843-1;
- a list of symbols was moved from [Annex A](#) to [Clause 4](#);
- in [6.3](#), explanatory text of how to determine the minimum detectable value was added;
- [Clause 8](#) was revised to provide a description of the appropriate approach for determining whether or not the target substance has been detected;
- typographic and obvious errors were corrected.

A list of all parts in the ISO 11843 series can be found on the ISO website.

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