International Standard

ISO 11890-2

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AMENDMENT 1
2024-06

Paints and varnishes — Determination of volatile organic compounds (VOC) and/or semi volatile organic compounds (SVOC) content —

Part 2: Gas-chromatographic method

AMENDMENT 1

Peintures et vernis — Détermination de la teneur en composés organiques volatils (COV) et/ou composés organiques semi-volatils (COSV) —

Partie 2: Méthode par chromatographie en phase gazeuse

AMENDEMENT 1

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This document was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 16, *Chemical analysis,* in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 139, *Paints and varnishes,* in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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Paints and varnishes — Determination of volatile organic compounds(VOC) and/or semi volatile organic compounds (SVOC) content —

Part 2:
Gas-chromatographic method

AMENDMENT 1

Normative references

Add the following reference:

ISO 23168, *Paints and varnishes — Determination of water content — Gas-chromatographic method*

8.7

Replace the text with the following:

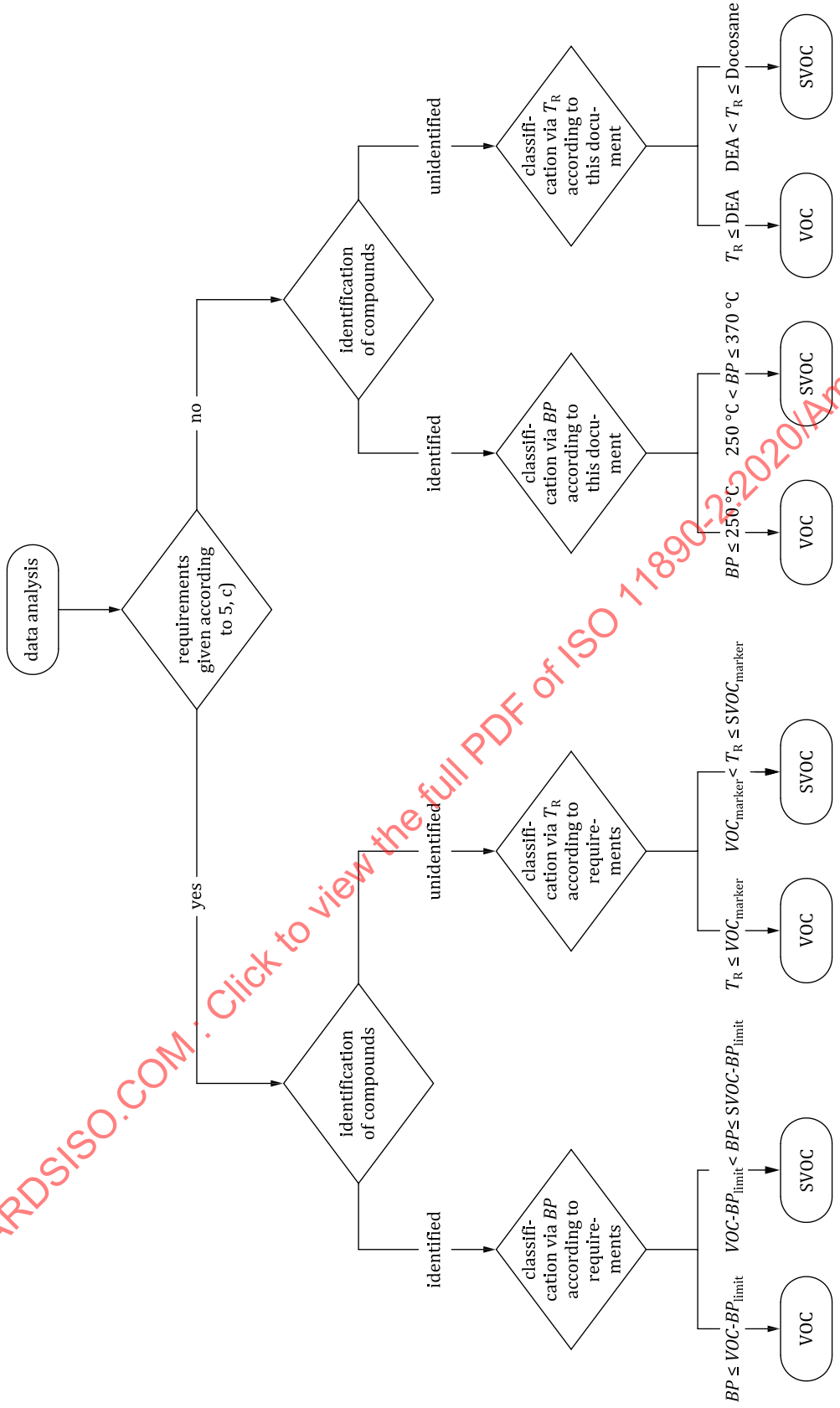
If required by the calculation (see 11.4 and 11.5), determine the water content, as a percentage by mass, by the method given in ISO 760 or ISO 23168. If ISO 760 is used, select the reagents so that there is no interference from the compounds contained in the sample. If the compounds are not known, they shall be determined qualitatively (see 9.1). Water contents determined by ISO 760 and ISO 23168 have been shown lead to comparable results.

NOTE 1 For ISO 760, typical compounds likely to cause interference are ketones and aldehydes. Reagent manufacturers normally publish literature for guidance on correct reagent selection.

NOTE 2 If the product to be tested is well characterized and known to not contain water, it is possible that the water content does not need to be determined, in which case, it is assumed to be zero.

9.2

Replace Figure 4 with the following figure:



Annex A, Table A.1

Replace row 79 and 83 of Table A.1 with the following: