SLOVENSKI STANDARD
SIST EN ISO 787-28:2020

01-december-2020

Splošne preskusne metode za pigmente in polnila - 28. del: Določevanje celotnih polikloriranih bifenilov (PCB) z raztapljanjem, čiščenjem in plinsko kromatografijo z masno selektivnim detektorjem (GC-MS) (ISO 787-28:2019)

General methods of tests for pigments and extenders - Part 28: Determination of total content of polychlorinated biphenyls (PCB) by dissolution, cleanup and GC-MS (ISO 787 -28:2019)

Allgemeine Prüfverfahren für Pigmente und Füllstoffe - Teil 28: Bestimmung des Gesamtgehalts an polychlorierten Biphenylen in organischen Pigmenten durch Auflösung, Reinigung und GC/MS (ISO 787-28:2019)

Méthodes générales d'essai des pigments et matières de charge - Partie 28: Détermination de la teneur totale en biphényles polychlorés dans les pigments organiques par dissolution, purification et CG-SM (ISO 787-28:2019)

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87.060.10	Pigmenti in polnila	Pigments and extenders

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 787-28

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English Version

General methods of tests for pigments and extenders - Part 28: Determination of total content of polychlorinated biphenyls (PCB) by dissolution, cleanup and GC-MS (ISO 787-28:2019)

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Allgemeine Prüfverfahren für Pigmente und Füllstoffe - Teil 28: Bestimmung des Gesamtgehalts an polychlorierten Biphenylen (PCB) durch Auflösung, Reinigung und GC/MS (ISO 787-28:2019)

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

The text of ISO 787-28:2019 has been prepared by Technical Committee ISO/TC 256 "Pigments, dyestuffs and extenders" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 787-28:2020 by Technical Committee CEN/TC 298 "Pigments and extenders" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2021, and conflicting national standards shall be withdrawn at the latest by April 2021.

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Endorsement notice

The text of ISO 787-28:32018 has been approved by CEN as EN ISO 787-28:2020 without any modification.

INTERNATIONAL STANDARD

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General methods of tests for pigments and extenders —

Part 28: Determination of total content of polychlorinated biphenyls (PCB) by dissolution, cleanup and GC-MS

Méthodes générales d'essai des pigments et matières de charge — Partie 28: Détermination de la teneur totale en biphényles polychlorés dans les pigments organiques par dissolution, purification et CG-SM

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
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 256, *Pigments, dyestuffs and extenders*.

A list of all parts in the ISO 787 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at https://www.iso.org/members.html.

Introduction

A number of methods to quantify PCBs in “environmental samples” or oil residues prove inadequate for pigments due to being merely extractive on the particle surface without taking into account occlusions of contaminants in the crystal lattice of pigments (see References [1] to [3]).

Occurrence and formation principles are referred to in References [5], [6] and [8].