
**Petroleum products —
Determination of bromine number
of distillates and aliphatic olefins —
Electrometric method**

AMENDMENT 1

iTeh STANDARD PREVIEW
*Produits pétroliers — Détermination de l'indice de brome des
distillats et des oléfines aliphatiques — Méthode électrométrique*
(standards.iteh.ai)
AMENDEMENT 1

[ISO 3839:1996/Amd 1:2020](https://standards.iteh.ai/catalog/standards/sist/7ac0e6aa-343a-4426-a889-c6f5012f68a2/iso-3839-1996-amd-1-2020)
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This document was prepared by Technical Committee ISO/TC 28, *Petroleum and related products, fuels and lubricants from natural or synthetic sources*.

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Clause 2

Replace the reference:

ISO 3405:1988, *Petroleum products — Determination of distillation characteristics*

with

ISO 3405, *Petroleum and related products from natural or synthetic sources — Determination of distillation characteristics at atmospheric pressure*

5.1

Replace the whole subclause with the following:

5.1 Dilution solvent, being either dichloromethane or 1,1,1-trichloroethane.

WARNING — Harmful if inhaled. High concentrations can cause unconsciousness or death. Contact may cause skin irritation and dermatitis.

NOTE 1 The replacement of 1,1,1-trichloroethane, an ozone-depleting chemical, is necessary because its manufacture and import has been discontinued and its use is forbidden in some countries. Dichloromethane is temporarily being allowed as an alternative to 1,1,1-trichloroethane until a permanent replacement can be identified.

NOTE 2 Other solvents like toluene or xylene have been found suitable for some of the products in the scope of this method.

Clause 7

Replace the end of the second sentence:

"solution of these materials in 1,1,1-trichloroethane (5.1)."

with

"solution of these materials in dilution solvent (5.1)."

8.1

Replace the beginning of the first sentence:

"Place 10 ml of 1,1,1-trichloroethane (5.1)"

with

"Place 10 ml of dilution solvent (5.1)"

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