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AMENDMENT 1
2020-12

**Gas analysis — Comparison methods
for the determination of the
composition of gas mixtures based on
one- and two-point calibration**

AMENDMENT 1: Correction to Formula 5

iTeh STANDARD PREVIEW
*Analyse des gaz — Méthodes de comparaison pour la détermination
de la composition des mélanges de gaz basées sur un ou deux points
d'étalonnage*
(standards.iteh.ai)

AMENDEMENT 1: Correction de la Formule 5
ISO 12963:2017/Amd 1:2020

<https://standards.iteh.ai/catalog/standards/sist/5d935153-f934-42f1-88eb-324c61c34e93/iso-12963-2017-amd-1-2020>



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This document was prepared by Technical committee ISO/TC 158, *Analysis of gases*.

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AMENDMENT 1: Correction to Formula 5

7.3.3, Formula 5

Replace Formula (5) with the following:

$$u^2(x_s) = \left(\frac{y_s}{y_r}\right)^2 \times u^2(x_r) + \left(\frac{x_r}{y_r}\right)^2 \times u^2(y_s) + \left(\frac{y_s \times x_r}{y_r^2}\right)^2 \times u^2(y_r) + u^2(\Delta)$$

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