

**The Appendix is an integral part of
Certificate of Accreditation No. 533/2022 of 08/11/2022**

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SIAD Czech spol. s r.o.
SPG Laboratory
U Sýpky 417, 664 61 Rajhradice

Tests:

Ordinal number¹	Test procedure/method name	Test procedure/method identification²	Tested object
1	Determination of NO, NO ₂ by chemiluminescence method	SOP 101 (ISO 7996)	Gases and gaseous mixtures
2	Determination of SO ₂ by NDIR method	SOP 102 (Technical Guidance Note M21, EPA Method 320)	Gases and gaseous mixtures
3	Determination of CO, CO ₂ , CH ₄ , C ₃ H ₈ , O ₂ , N ₂ , H ₂ by GC method (FID/TCD)	SOP 105 (ASTM D7833-14)	Gases and gaseous mixtures
4	Determination of CO, CH ₄ , CO ₂ by GC/FID method with methanizer	SOP 108 (ISO 8186)	Gases and gaseous mixtures
5	Determination of H ₂ S, NH ₃ by UV spectrometry	SOP 109 (ISO 20729:2017)	Gases and gaseous mixtures

¹ Asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

² For dated documents identifying test procedures, only these specific procedures are used, for undated documents identifying test procedures, the latest edition of that procedure (including any changes) is used.

Explanations:

FID Flame Ionization Detector

GC Gas Chromatography

NDIR Non-Dispersive Infra-Red Spectrometry

SOP Standard Operating Procedure

TCD Thermal Conductivity Detector

EPA US Environmental Protection Agency

ASTM American Society for Testing and Materials

UV Ultraviolet