

CERTIFICATE OF ACCREDITATION

el Inc.

Accreditation No. : KT1218

Corporation Registration No. : 134111-0115051

Address of Laboratory : (Branch site)504, 96 Gajeongbuk-ro, Yuseong-gu, Daejeon (Jang-dong, Business and Employment Agency of Daejeon), Republic of Korea

Date of Initial Accreditation : September 12, 2024

Validity of Accreditation : September 12, 2024 ~ September 11, 2028

Scope of Accreditation : Attached Annex

Date of issue : September 12, 2024

This testing laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to Joint ISO-ILAC-IAF Communiqué).



CHIN CHONGWOOK

Head

Korea Laboratory Accreditation Scheme

Korea Laboratory Accreditation Scheme

No. KT1218

02. Chemical Testing

02.023 Air

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS I 0587:2023	Air	Stationary source emissions - Measurement method for volumetric flow rate of Non-CO ₂ GHG(CF ₄ , NF ₃ , SF ₆ , N ₂ O) in industrial process and display process	CF ₄ , SF ₆ Concentration : (0.02 ~ 150 000) μ mol/mol NF ₃ , N ₂ O Concentration : (0.05 ~ 150 000) μmol/mol CF ₄ , SF ₆ Volumetric flow rate : (1.2×10 ⁻⁵ ~ 1.35×10 ⁷) L/min NF ₃ , N ₂ O Volumetric flow rate : (3×10 ⁻⁵ ~ 1.35×10 ⁷) L/min Destruction and removal efficiency : (5 ~ 99.99) %	BS	Y
NIER Notice No. 2024-28(04.23.2023.)	Air	Greenhouse gas process test standards ES 13501 - N ₂ O, HFCs, PFCs, SF ₆ , NF ₃ of Greenhouse gas in industrial process - Fourier Transform Infra-Red Spectroscopy	CF ₄ , C ₂ F ₆ , C ₃ F ₈ , C ₄ F ₈ , CHF ₃ , SF ₆ Concentration : (0.02 ~ 150 000) μmol/mol CH ₂ F ₂ , NF ₃ , N ₂ O Concentration : (0.05 ~ 150 000) μmol/mol CF ₄ , C ₂ F ₆ , C ₃ F ₈ , C ₄ F ₈ , CHF ₃ , SF ₆ Volumetric flow rate : (2×10 ⁻¹⁰ ~ 225) Nm ³ /s CH ₂ F ₂ , NF ₃ , N ₂ O Volumetric flow rate : (5×10 ⁻¹⁰ ~ 225) Nm ³ /s Destruction and removal efficiency : (5 ~ 99.99) %	BS	Y

End.