



ANNEX G2

CALIBRATION CERTIFICATES FOR
LANDFILL GAS MONITORING
EQUIPMENT



ALS Technichem (HK) Pty Ltd

11/F., Chung Shun Knitting Centre,

1 - 3 Wing Yip Street,

Kwai Chung, N.T., Hong Kong

T: +852 2610 1044

F: +852 2610 2021

www.alsglobal.com

CERTIFICATE OF ANALYSIS

CONTACT: MR IVAN LEUNG
CLIENT: ALS TECHNICHEM (HK) PTY LTD
ADDRESS: 11/F., CHUNG SHUN KNITTING CENTRE,
1-3 WING YIP STREET, KWAI CHUNG, N.T.

WORK ORDER: HK2425056

SUB BATCH: 0
LABORATORY: HONG KONG
DATE RECEIVED: 24-Jun-2024
DATE OF ISSUE: 02-Jul-2024

SPECIFIC COMMENTS

Equipment information (Brand name, Model No., Serial No. and Equipment No.) is provided by client.

The performance of the equipment stated in this report is checked with independent reference material and results are compared against a calibrated secondary source.

The "Instrument Specification" quoted is the acceptance criteria applicable for similar equipment used by the laboratory or quoted from relevant international standards.

The "Next Calibration Date" is recommended according to best practice principles as practised by the laboratory or quoted from relevant international standards.

The validity of equipment/ meter performance only applies to the result(s) stated in the report.

Equipment Type: Landfill Gas Analyser
Service Nature: Performance Check
Scope: Carbon dioxide, Methane and Oxygen
Brand Name/ Model No.: GA5000
Serial No./Equipment No.: G507306 (HK1935)
Date of Calibration: 28 June, 2024

GENERAL COMMENTS

This report superseded any previous report(s) with same work order number.

Ms Chan Ka Yu, Karen
Manager - Organics

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION



Work Order: HK2425056
Sub-Batch: 0
Client: ALS TECHNICHEM (HK) PTY LTD
Date of Issue: 02-Jul-2024

Equipment Type: Landfill Gas Analyser
Brand Name/
Model No.: GA5000
Serial No./
Equipment No.: G507306 (HK1935)
Date of Calibration: 28 June, 2024

Next Calibration Date: 28 June, 2025

Parameters:

Methane

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 0.5
1.0	1.1	0.1	± 0.5
10.0	10.5	0.5	± 0.5
49.8	49.8	0.0	± 0.5

Carbon Dioxide

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 0.5
1.0	1.0	0.0	± 0.5
10.1	9.8	-0.3	± 0.5
50.1	50.5	0.4	± 0.5

Oxygen

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 1.0
9.8	9.7	-0.1	± 1.0
23.3	23.5	0.2	± 1.0

Ms Chan Ka Yu, Karen
Manager - Organics