

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:** HK2320487

**SUB BATCH:** 0  
**LABORATORY:** HONG KONG  
**DATE RECEIVED:** 25-May-2023  
**DATE OF ISSUE:** 31-May-2023

### 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: 30 May, 2023

### GENERAL COMMENTS

This report superseded any previous report(s) with same work order number.

Ms Chan Ka Yu, Karen  
Manager - Organics

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# REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION



**Work Order:** HK2320487  
**Sub-Batch:** 0  
**Client:** ALS TECHNICHEM (HK) PTY LTD  
**Date of Issue:** 31-May-2023

Equipment Type: Landfill Gas Analyser  
Brand Name/  
Model No.: GA5000  
Serial No./  
Equipment No.: G507306 (HK1935)  
Date of Calibration: 30 May, 2023

Date of next Calibration: 30 June, 2023

## Parameters:

### Methane

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 0.3
1.0	0.9	-0.1	± 0.3
10.0	9.8	-0.2	± 0.5

### Carbon Dioxide

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 0.3
1.0	0.9	-0.1	± 0.3
10.0	10.0	0.0	± 0.5

### Oxygen

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 1.0
23.5	23.7	0.2	± 1.0

Ms Chan Ka Yu, Karen  
Manager - Organics