



CERTIFICATE OF ANALYSIS

Work Order : EN2501124
Client : GOLDER ASSOCIATES
Contact : IVAN WARD
Address : LEVEL 8 40 MOUNT STREET
NORTH SYDNEY NSW, AUSTRALIA 2065
Telephone : ----
Project : PS134467
Order number : 117623088
C-O-C number : ----
Sampler : MW
Site : Wetherill Park
Quote number : EN/000
No. of samples received : 5
No. of samples analysed : 5

Page : 1 of 2
Laboratory : Environmental Division Newcastle
Contact : Josh Alexander
Address : 5/585 Maitland Road Mayfield West NSW Australia 2304
Telephone : +61 2 4014 2500
Date Samples Received : 21-Jan-2025 17:00
Date Analysis Commenced : 29-Jan-2025
Issue Date : 03-Feb-2025 16:25



Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

<i>Signatories</i>	<i>Position</i>	<i>Accreditation Category</i>
Thomas Regan	Laboratory Technician	Newcastle - Inorganics, Mayfield West, NSW



General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contract for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
 LOR = Limit of reporting
 ^ = This result is computed from individual analyte detections at or above the level of reporting
 ø = ALS is not NATA accredited for these tests.
 ~ = Indicates an estimated value.

- Dust analysis as per AS3580.10.1-2016. Samples passed through a 1mm sieve prior to analysis. NATA accreditation does not apply for results reported in deposition units e.g., g/m².mth where the sampling procedure is not NATA accredited.
- The dust gauges for samples 001-004 were full when received by the laboratory. They may have overflowed in the field. Results for these gauges are thus reported on an 'as received' basis. No algacide correction has been applied to EA139 Soluble Matter or EA142 Total Solids results (where applicable).
- For dust analysis, the Limit of Reporting (LOR) referenced in the reports for deposited matter parameters represents the reporting increment rather than reporting limit.

Analytical Results

Sub-Matrix: DEPOSITIONAL DUST
 (Matrix: AIR)

Sample ID

				DDG1	DDG2	DDG3	DDG4	DDG5
				18/12/24 - 17/01/25	18/12/24 - 17/01/25	18/12/24 - 17/01/25	18/12/24 - 17/01/25	18/12/24 - 17/01/25
Sampling date / time				17-Jan-2025 00:00	17-Jan-2025 00:00	17-Jan-2025 00:00	17-Jan-2025 00:00	17-Jan-2025 00:00
Compound	CAS Number	LOR	Unit	EN2501124-001	EN2501124-002	EN2501124-003	EN2501124-004	EN2501124-005
				Result	Result	Result	Result	Result
EA120: Ash Content								
Ash Content	----	0.1	g/m ² .month	1.1	1.6	1.2	1.1	0.1
Ash Content (mg)	----	2	mg	20	29	22	20	<2
EA125: Combustible Matter								
Combustible Matter	----	0.1	g/m ² .month	0.7	1.5	1.1	1.4	<0.1
Combustible Matter (mg)	----	2	mg	12	26	18	24	<2
EA141: Total Insoluble Matter								
Total Insoluble Matter	----	0.1	g/m ² .month	1.8	3.1	2.3	2.5	0.1
Total Insoluble Matter (mg)	----	2	mg	32	55	40	44	<2