

CERTIFICATE OF ANALYSIS

Work Order : **EN2300874**
Client : **Specialised Quarries & Concrete**
Contact : ADMIN
Address : 173 Old Gunnedah Rd Narrabri NSW 2390
Telephone : 02 6792 3036
Project : ----
Order number : ----
C-O-C number : ----
Sampler : Marg
Site : Narrabri
Quote number : NE/025/16
No. of samples received : 3
No. of samples analysed : 3

Page : 1 of 3
Laboratory : Environmental Division Newcastle
Contact : Hayley Worthington
Address : 5/585 Maitland Road Mayfield West NSW Australia 2304
Telephone : +612 4014 2500
Date Samples Received : 30-Jan-2023 09:00
Date Analysis Commenced : 30-Jan-2023
Issue Date : 01-Mar-2023 16:58



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.

- 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 g/m².mth as sampling data was provided by the client.
- Sample exposure period is 33 days which is outside the typical exposure period of 30 +/- 2 days as per AS3580.10.1.
- No copper sulfate correction was applied to sample #002.
- 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: DUST
 (Matrix: AIR)

Sample ID

				14-271-1 07/12/22 - 09/01/23	14-271-2 07/12/22 - 09/01/23	14-271-3 07/12/22 - 09/01/23	----	----
		Sampling date / time		09-Jan-2023 08:30	09-Jan-2023 08:30	09-Jan-2023 08:30	----	----
Compound	CAS Number	LOR	Unit	EN2300874-001	EN2300874-002	EN2300874-003	-----	-----
				Result	Result	Result	----	----
EA120: Ash Content								
Ash Content	----	0.1	g/m ² .month	1.1	2.4	0.7	----	----
Ash Content (mg)	----	2	mg	21	47	14	----	----
EA125: Combustible Matter								
Combustible Matter	----	0.1	g/m ² .month	<0.1	0.9	2.3	----	----
Combustible Matter (mg)	----	2	mg	<2	17	44	----	----
EA139: Total Soluble Matter								
Total Soluble Matter	----	0.1	g/m ² .month	0.5	1.1	14.2	----	----
Total Soluble Matter (mg)	----	2	mg	11	22	275	----	----
EA141: Total Insoluble Matter								
Total Insoluble Matter	----	0.1	g/m ² .month	1.1	3.3	3.0	----	----
Total Insoluble Matter (mg)	----	2	mg	21	64	58	----	----
EA142: Total Solids								
Total Solids	----	0.1	g/m ² .month	1.6	4.4	17.2	----	----
Total Solids (mg)	----	2	mg	32	86	333	----	----

