

CERTIFICATE OF ANALYSIS

Work Order : **EM2110679**
Client : **CASH SALES MELBOURNE**
Contact : Lipps Natural Resources
Address : C/O ALS SPRINGVALE (MELBOURNE) 2-4 WESTALL RD
 MELBOURNE SPRINGVALE VIC 3171

Telephone : ----
Project : Salt Sample
Order number : ----
C-O-C number : ----
Sampler : KL
Site : ----
Quote number : BLANKET QUOTE
No. of samples received : 2
No. of samples analysed : 2

Page : 1 of 2
Laboratory : Environmental Division Melbourne
Contact : Customer Services EM
Address : 4 Westall Rd Springvale VIC Australia 3171

Telephone : +61-3-8549 9600
Date Samples Received : 07-Jun-2021 10:35
Date Analysis Commenced : 08-Jun-2021
Issue Date : 15-Jun-2021 18:42



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>
Dilani Fernando	Senior Inorganic Chemist	Melbourne Inorganics, Springvale, VIC



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 Contact 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.

- ED045G: The presence of thiocyanate can positively contribute to the chloride result, thereby may bias results higher than expected. Results should be scrutinised accordingly.

Analytical Results

Sub-Matrix: SALT
 (Matrix: SOIL)

				Sample ID	Salt Sample 1	Salt Sample 2	----	----	----
				Sampling date / time	03-Jun-2021 00:00	04-Jun-2021 00:00	----	----	----
Compound	CAS Number	LOR	Unit	EM2110679-001	EM2110679-002	-----	-----	-----	
				Result	Result	---	---	---	
EA055: Moisture Content (Dried @ 105-110°C)									
Moisture Content	----	1.0	%	3.8	3.7	----	----	----	
ED040N: Sulfate - Calcium Phosphate Soluble (NEPM)									
Sulfate as SO4 2-	14808-79-8	50	mg/kg	5070	8860	----	----	----	
ED045G: Chloride by Discrete Analyser									
Chloride	16887-00-6	10	mg/kg	640000	588000	----	----	----	
ED093S: Soluble Major Cations									
Calcium	7440-70-2	10	mg/kg	1460	2620	----	----	----	
Magnesium	7439-95-4	10	mg/kg	800	1900	----	----	----	
Sodium	7440-23-5	10	mg/kg	355000	337000	----	----	----	
Potassium	7440-09-7	10	mg/kg	30	70	----	----	----	