

## Certificate Of Analysis

Company: Swift Silliker Pty Ltd T/A Mérieux NutriSciences - Cape Town  
Address: 7 Warrington Road  
Claremont  
Cape Town  
7708

Service Request Number: PW-2021-29256  
Date of Certificate: 08-June-2021  
Date Completed: 08-June-2021  
Date of Sampling: 02-June-2021  
Date of Reival at Lab: 04-June-2021

Contact: Tarryn-Lee Benjamin

| Sample Identification               |             | OMS-21-02007 - Garden Route-Final Effluent GR-O 0979 WWTP Kurland |         |         |               |
|-------------------------------------|-------------|---|---------|---------|---------------|
| Sample Number:                      | PW-21-99672 | Sample Condition:   | Chilled | Remark: |               |
| Physical / Aesthetic Parameters     | Method      | Unit  | Limit   | Result  | Analysis Date |
| Electrical Conductivity @ 25°C      | M4          | mS/m  |         | 69.7    | 2021-06-07    |
| pH @ 25°C                           | M6          | pH units  |         | 6.71    | 2021-06-07    |
| Total Suspended Solids              | M8          | mg/L  |         | <2.00   | 2021-06-07    |
| Chemistry (Macro) Parameters        | Method      | Unit  | Limit   | Result  | Analysis Date |
| Ammonia (NH3-N)                     | M44         | mg/L  |         | 5.39    | 2021-06-07    |
| Nitrate as N                        | M44         | mg/L  |         | 6.26    | 2021-06-07    |
| Nitrate/Nitrite (No3/No2-N)         | Calc        | Cal   |         | 9.00    | 2021-06-07    |
| Nitrite as N                        | M44         | mg/L  |         | 7.59    | 2021-06-07    |
| Orthophosphate as P                 | M44         | mg/L  |         | 2.77    | 2021-06-07    |
| Total Chlorine*                     | M15         | mg/L  |         | 0.83    | 2021-06-08    |
| Organic Parameters                  | Method      | Unit  | Limit   | Result  | Analysis Date |
| Chemical Oxygen Demand (Unfiltered) | M2          | mg/L  |         | 64      | 2021-06-08    |
| Fats, Oils & Grease*                | M74         | mg/L  |         | <0.50   | 2021-06-07    |

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|          |  | Date Completed:         | 08-June-2021  |
|          |  | Date of Sampling:       | 02-June-2021  |
| Contact: | Tarryn-Lee Benjamin  | Date of Reveal at Lab:  | 04-June-2021  |

1. Sampling is outside the laboratory's scope of accreditation. Where applicable, free and total chlorine results are supplied by the sampling officer.
2. This report shall not be reproduced except in full, without written approval from the laboratory.
3. Uncertainties of Measurement, Limits of Detection, and Method Descriptions will be provided upon request.
4. The organization reports results at the 95% confidence interval with a coverage factor  $k = 2$ . The overlying acceptance criteria for method expanded uncertainty is  $< 5\%$ . Decision Rule - Results reflecting on the Certificate of Analysis are actual results as obtained at the time of testing, and do not include any uncertainty considerations. The Laboratory does not issue any statement of conformity, unless by prior arrangement.
5. Certificates of Analyses will be reported electronically in a protected format. The laboratory will not be responsible for any unauthorised changes made to results once reported.
6. Parameters indicated by an \* are not SANAS accredited and are not included in the SANAS Schedule of Accreditation for this laboratory.
7. Parameters indicated by \*\* are subcontracted and are not included in the SANAS Schedule of Accreditation for this laboratory.
8. The following has reference:
  - Unless otherwise stated, ICP, HPLC, GC, GC-MS and LC-MS samples have been filtered using a  $0.45\mu\text{m}$  filter prior to analysis.
9. In the absence of client specified limits, the limits reflected are based on SANS 241-2015 or General Effluent Standards, as applicable.
10. The quality and integrity of samples submitted has a direct correlation to the results reported. As such, results reflected on this report relate only to the samples as received.
11. Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.



Neil van Kooten  
Technical Signatory