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FINAL REPORT

Report ID : 267187

Report Information

Submitting Organisation : 00121312 : Arad Ltd
Account : 142320 : Arad Ltd
AWQC Reference : 142320-2019-CSR-3 : Prod Test: WSTsb Type 6" Water Meter
Project Reference : PT-4013
Product Designation : Water Meter Woltman WSTsb Type 6" (representative model)
Composition of Product : Polyester Coated Cast Iron (see attachments).
Product Manufacturer : Arad Ltd., Kibbutz Dalia, ISRAEL.
Use of Product : In-Line/Water Meter.
Sample Selection: As selected by the submitting organisation.
Testing Requested : **AS/NZS 4020 TESTING OF PRODUCTS FOR USE IN CONTACT WITH DRINKING WATER**
Product Type : Composite
Samples : Samples were prepared and controlled as described in Appendix A of AS/NZS 4020:2018
Extracts : Extracts were prepared as described in Appendix/Clause C, D, E, F, G, H, 6.8.
Project Completion Date : 24-Dec-2019
Project Comment : The results presented herein demonstrate compliance of Water Meter Woltman WSTsb Type 6" (representative model) to AS/NZS 4020:2018 when tested at the 'in-the-product' exposure with a 0.1 scaling factor at 20°C ± 2°C. Product range to include 6" to 12".

PLEASE NOTE THAT THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL

THE RESULTS STATED IN THIS REPORT RELATE TO THE SAMPLE OF THE PRODUCT SUBMITTED FOR TESTING. ANY CHANGES IN THE MATERIAL FORMULATION, PROCESS OF MANUFACTURE, THE METHOD OF APPLICATION, OR THE SURFACE AREA-TO-VOLUME RATIO IN THE END USE, COULD AFFECT THE SUITABILITY OF THE PRODUCT FOR USE IN CONTACT WITH DRINKING WATER

Michael Glasson
APPROVED SIGNATORY



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Summary of Results

| APPENDIX/CLAUSE | RESULTS |
|---------------------------------------|---|
| C – Taste | Passed at the in-the-product exposure with a scaling factor of 0.1 applied. |
| D – Appearance | Passed at the in-the-product exposure with a scaling factor of 0.1 applied. |
| E – Growth of Aquatic Micro-organisms | Passed when tested at the in-use exposure. |
| F – Cytotoxic Activity | Passed at the in-the-product exposure with a scaling factor of 0.1 applied. |
| G – Mutagenic Activity | Passed at the in-the-product exposure with a scaling factor of 0.1 applied. |
| H – Metals | Passed at the in-the-product exposure with a scaling factor of 0.1 applied. |
| 6.8 – Organic Compounds | Passed at the in-the-product exposure with a scaling factor of 0.1 applied. |

Test Methods

| Test(s) in Appendix | AWQC Test Method | Reference Method |
|---------------------|---------------------|-------------------------|
| C | T0320-01 | AS/NZS 4020:2018 |
| D | TO029-01 & TO018-01 | APHA 2120c & APHA 2130b |
| E | TO014-03 | APHA 4500 O G |
| F | TM-001 | AS/NZS 4020:2018 |
| G | TM-002 | AS/NZS 4020:2018 |
| H | TIC-006 | EPA 200.8 |

Organic Test Methods

| Test(s) in Clause | Test Method | Reference Method |
|-------------------|-------------|-------------------|
| Clause 6.8 | TMZ-M36 | USEPA524.2 |
| | EP239 | USEPA521 |
| | EP132-LL | USEPA_SW846-8270D |
| | EP075C | USEPA_SW846-8270D |
| | EP075ASIM | USEPA_SW846-8270D |



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