



Internet: www.awqc.com.au

Email: producttesting@awqc.com.au

FINAL REPORT

Report ID : 346424

Report Information

Submitting Organisation : 00109376 : HANSEN PRODUCTS (NZ) LIMITED

Account : 130354 : Hansen Products (NZ) Limited - AS/NZS 4020 Testing

AWQC Reference : 130354-2022-CSR-1 : Prod Test: Ball Valve

Project Reference : PT-4869

Product Designation : Hansen Full Flow Ball Valve (DN15 Representative Model).

Composition of Product : Polyamide 6, Glass Fibre Reinforced (see attachment for additional information).

Product Manufacturer : Hansen Products (NZ) Limited, Union East St, Whangarei, NEW ZEALAND.

Use of Product : In-Line/Water Valve.

Sample Selection: As provided by the submitting organisation.

Testing Requested : **AS/NZS 4020:2018 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 : 12-Sep-2022

Project Comment : Samples received on the 14-Feb-2022, testing commenced 01-Mar-2022.

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 TO AS/NZS 4020:2018. 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



Corporate Accreditation No.1115
Chemical and Biological Testing
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with ISO/IEC 17025 - Testing



Notes

1. Uncertainty of Measurement is reported with a coverage factor of 2 providing approximately 95% confidence interval
2. Where a result is required to meet compliance limits the associated measurement uncertainty must be considered. Measurement uncertainty is available at <https://www.awqc.com.au/our-services/Water-quality-testing-and-analysis/measurement-uncertainty>



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Summary of Results

APPENDIX/CLAUSE	RESULTS
C – Taste	Passed when tested in-the-product with a scaling factor of 0.01 applied.
D – Appearance	Passed when tested in-the-product with a scaling factor of 0.01 applied.
E – Growth of Aquatic Micro-organisms	Passed when tested at the end-use exposure with a 0.66 scaling factor applied.
F – Cytotoxic Activity	Passed when tested in-the-product with a scaling factor of 0.01 applied.
G – Mutagenic Activity	Passed when tested in-the-product with a scaling factor of 0.01 applied.
H – Metals	Passed when tested in-the-product with a scaling factor of 0.01 applied.
6.8 – Organic Compounds	Passed when tested in-the-product with a scaling factor of 0.01 applied.

Test Methods

Test(s) in Appendix	AWQC Test Method	NATA Accredited
C	T0320-01	Y
D	TO029-01 & TO018-01	Y
E	TO014-03	Y
F	TM-001	Y
G	TM-002	Y
H	TIC-006	Y



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Organic Test Methods

Test(s) in Clause	Test Method	NATA Accredited
Clause 6.8	TMZ-M36	Y
	EP239	Y
	EP132-LL	Y
	EP075C	Y
	EP075ASIM	Y

Laboratory Information

Laboratory	NATA accreditation ID
Product Testing	1115
Australian Laboratory Services Pty Ltd - New South Wales	825,992
Inorganic Chemistry - Physical	1115
Protozoology	1115
Organic Chemistry	1115
Inorganic Chemistry - Metals	1115
Inorganic Chemistry - Waste Water	1115

Summary Comment : Product range to include DN15 to DN50 (15mm to 50mm).



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