PO Box 1751
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250 Victoria Square
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Tel: 1300 653 366
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Internet: www.awqc.com.au

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AWQC

FINAL REPORT

Report ID : 366934

Report Information

Submitting Organisation :	00109376 : HANSEN PRODUCTS (NZ) LIMITED
Account :	130354 : Hansen Products (NZ) Limited - AS/NZS 4020 Testing
AWQC Reference :	130354-2023-CSR-1 : Prod Test: Foot Valve
Project Reference :	PT-5205
Product Designation :	Hansen Foot Valve (25mm representative model)
Composition of Product :	See attachments.
Product Manufacturer :	Hansen Products (NZ) Ltd, Whangarei, NEW ZEALAND.
Use of Product :	In-Line/Water Valve for Conveyance of Potable Water.
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 (Incorporating Amendment No.1)
Extracts :	Extracts were prepared as described in Appendix/Clause C, D, E, F, G, H, 6.8.
Project Completion Date :	28-Jul-2023
Project Comment :	Samples received 21-Mar-2022, testing commenced 11-Apr-2023. Product range to include 25mm to 63mm sizes.

THE RESULTS STATED IN THIS REPORT RELATE TO THE SAMPLE OF THE PRODUCT SUBMITTED FOR TESTING TO ASNZS 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

NATA
WORLD RECOGNISED ACCREDITATION

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

ilac-MRA

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.
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

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

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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
Analytical Quality Control	

Summary Comment : The AWQC is not NATA accredited for the following tests: Nitrosamines, Phenols, Phthalate Esters and Polycyclic Aromatic Hydrocarbons. These tests are subcontracted to testing facilities that are NATA accredited for these analyses.

Notes

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