Tel: 1300 653 366 Fax: 1300 883 171



Internet: www.awqc.com.au Email: producttesting@awqc.com.au

**FINAL REPORT** 

**Report ID**: 414147

**Report Information** 

Submitting Organisation: 00109376: HANSEN PRODUCTS (NZ) LIMITED

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

AWQC Reference: 130354-2025-CSR-1: Prod Test: Tapping Saddle

Project Reference: PT-5986

Product Designation: MD Tapping Saddle (HTSMD3225 Representative Model)

Composition of Product: Injection Moulded Nylon (see attachment for additional information).

Product Manufacturer: Hansen Products (NZ) Ltd, Whangarei, NEW ZEALAND.

Use of Product : In-Line/Tapping Saddle Water Fitting.

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.

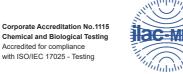
**Project Completion Date:** 28-Nov-2025

Project Comment: Samples received 08-Aug-2025, testing commenced 02-Sep-2025.

## 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 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





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

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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
С	T0320-01	Y
D	TO029-01 & TO018-01	Y
Е	TO014-03	Y
F	TM-001	Y
G	TM-002	Y
Н	TIC-006	Υ

# **Organic Test Methods**

Test(s) in Clause	Test Method	NATA Accredited
Clause 6.8	TMZ-M36	Y
	TMZ-M07	Υ
	EP132-LL	Y
	EP075C	Y
	EP075ASIM	Υ





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<a href="mailto://www.awqc.com.au/about-us/quality-management">

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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: Phenols, Phthalate Esters and Polycyclic Aromatic Hydrocarbons. These tests are subcontracted to testing facilities that are NATA accredited for these analyses.





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2. Where a result is required to meet compliance limits the associated measurement uncertainty must be considered. Measurement uncertainty is available at

<a href="https://www.awqc.com.au/about-us/quality-management">https://www.awqc.com.au/about-us/quality-management</a>

Corporate Accreditation No.1115

Chemical and Biological Testing

Accredited for compliance

with ISO/IEC 17025 - Testing